TA-FA5ES/FA7ES

SERVICE MANUAL

AEP Model



Photo: TA-FA7ES (Black)

SPECIFICATIONS

System

Power Amplifier: Pure-complementary SEPP MOS FET power amplifier with all stages directly coupled Preamplifier: Low-noise, high-gain equalizer amplifier Power section: Large-capacity power supply advanced

Rated output

4 ohms, 150 W + 150 W (DIN 0.7%) 8 ohms, 100 W + 100 W (DIN 0.7%)

TA-FA5FS

4 ohms, 135 W + 135 W (DIN 0.7%) 8 ohms, 90 W + 90 W (DIN 0.7%)

Speakers impedance

4 to 16 ohms

Output bandwidth (8 ohms)

10 Hz to 100 kHz (at 40 W output, and

high-frequency distortion rate of

Dynamic headroom

at 4 ohms: TA-FA7ES 2 dB TA-FA5ES 3 dB at 8 ohms: TA-FA7ES 1.2 dB

TA-FA5ES 2 dB

Total harmonic distortion

0.005% (at 8 ohms, 10 W output) 100 (8 ohms, 1 kHz)

Intermodulation (IM)

0.005% (8 ohms)

distortion (60 Hz:7 kHz=4:1)

Throughrate Residual noise Equalizer deviation

Damping factor

125 V/μ sec, 250 V/μ sec (Inside) Less than 115 µV (network A) PHONO MM: 20 Hz to 20 kHz,

±0.2 dB

Frequency response

TUNER, CD, AUX, TAPE 1, 2, 3: 2 Hz

to 100 kHz +0dB

S/N

PHONO MC: TA-FA7ES 78dB

(A Fil. 0.5 mV) TA-FA5ES 76 dB (A Fil, 0.5 mV)

MM: 87 dB (A Fil, 5 mV) TUNER, CD, AUX, TAPE1, 2, 3:

105 dB

Inputs

Input sensitivity and impedance

PHONO MC: 0.25 mV, 100 ohms MM: 2.5 mV, 50 kilohms

TUNER, CD, AUX, TAPE 1, 2, 3:

150 mV, 30 kilohms

Maximum input capability (1 kHz)

PHONO MC: 9 mV MM: 150 mV

Outputs

Output level / impedance

REC OUT 1, 2, 3: 150 mV.1 kilohms

PHONES: 10 mW (at 8 ohms)

Tone controls

BASS (100 Hz): ±7 dB

TREBLE (10 kHz): ±6 dB

General

Power requirements

220 - 230 V AC, 50/60 Hz

Power consumption

TA-FA7ES: 330 W

Dimensions (approx.) (w/h/d) $430 \times 175 \times 450 \text{ mm}$

TA-FA5ES: 300 W

 $(17 \times 7 \times 17^3)$, inches) incl. projecting parts and controls

Mass (approx.)

Supplied accessories

TA-FA7ES: 19.8 kg (43 lb 6 oz) TA-FA5ES: 17.5 kg (38 lb 10 oz)

Remote commander (remote)

RM-S703 (1)

Sony batteries SUM-3(NS) (2)

Design and specifications are subject to change without

INTEGRATED STEREO AMPLIFIER SONY



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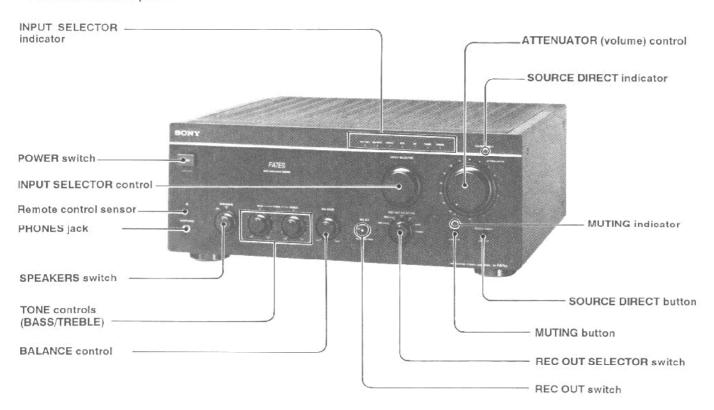
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK A OR DOTTED LINE WITH MARK A ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

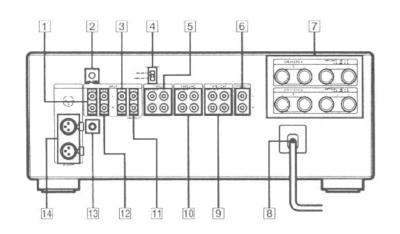
SECTION 1 GENERAL

This section is extracted from instruction manual.

Location of Controls
 Front Panel Descriptions



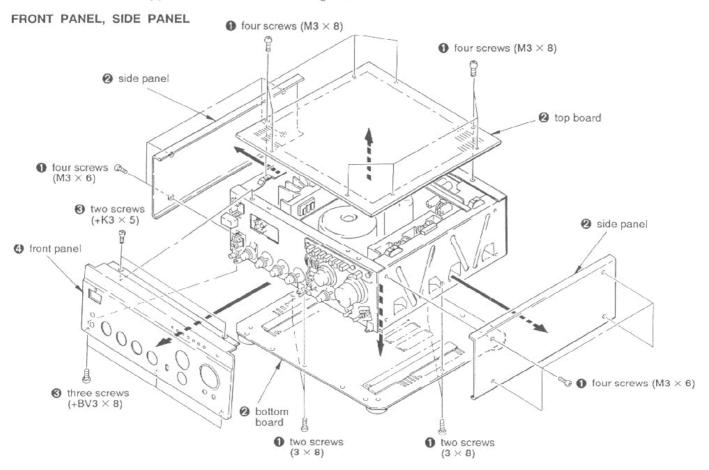
Rear Panel Descriptions



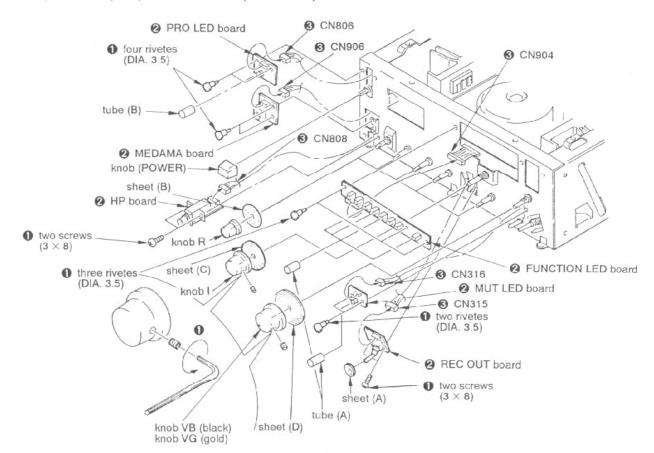
- 1 PHONO
- 2 CARTRIDGE MC/MM
- [3] CD
- 4 AUX INPUT (TA-FA7ES only)
- 5 TAPE3
- 6 PRE OUT
- 7 SPEAKERS A/B
- 8 Mains lead
- 9 TAPE1/DAT
- 10 TAPE2/MD
- 11 AUX(UNBALANCED)
- 12 TUNER
- 13 ሐ (earth)
- 14 AUX(BALANCED) (TA-FA7ES only)

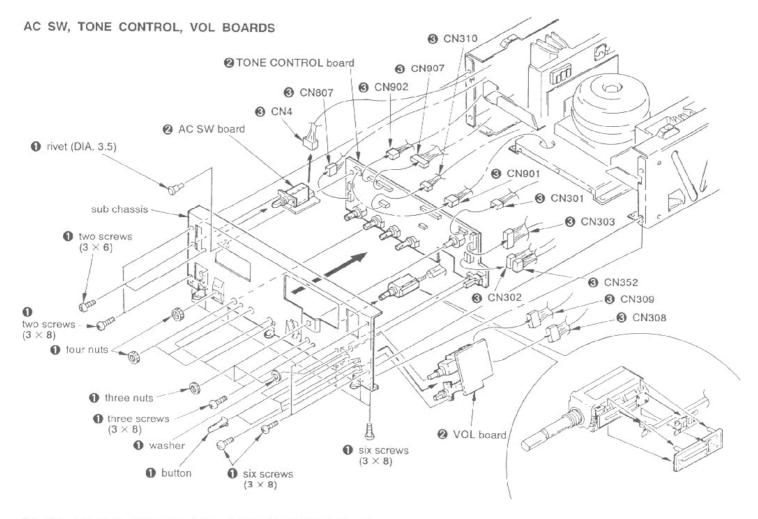
SECTION 2 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

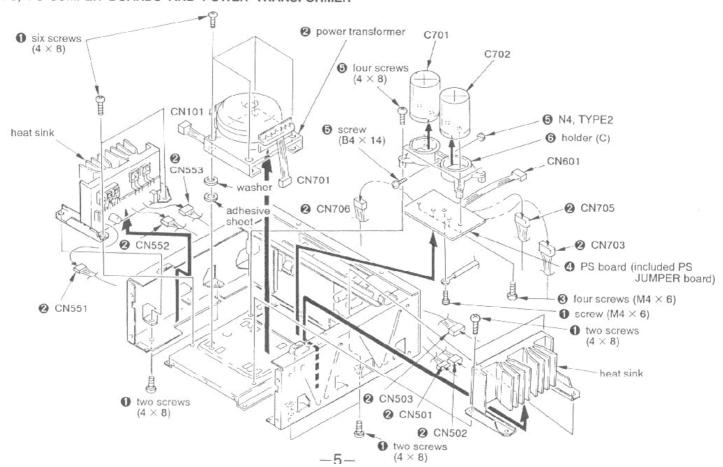


PRO LED, MEDAMA, HP, FUNCTION LED, MUT LED, REC OUT BOARDS

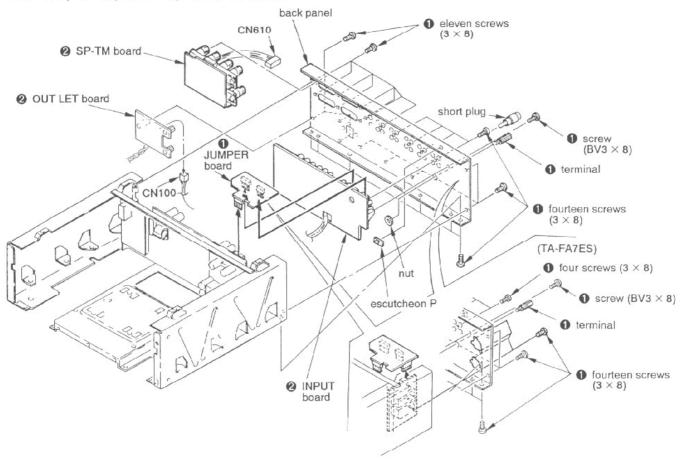




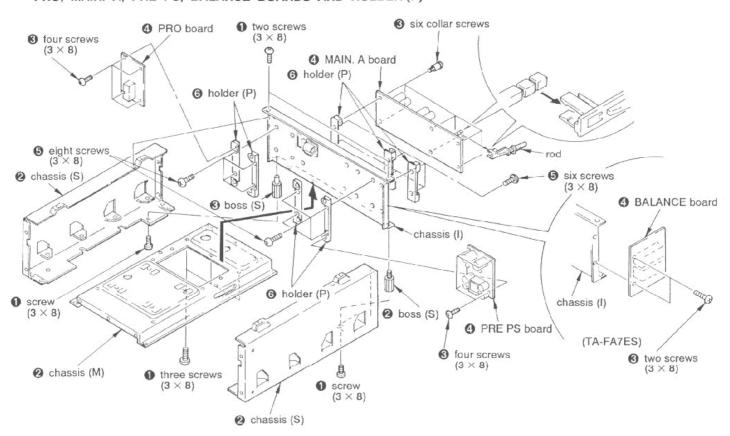
PS, PS JUMPER BOARDS AND POWER TRANSFORMER



OUT LET, SP-TM, JUMPER, INPUT BOARDS



PRO, MAIN. A, PRE PS, BALANCE BOARDS AND HOLDER (P)



ELECTRICAL ADJUSTMENT

Note: Adjustment should be performed 5 minutes later, after the power switch is on.

Bias Adjustment

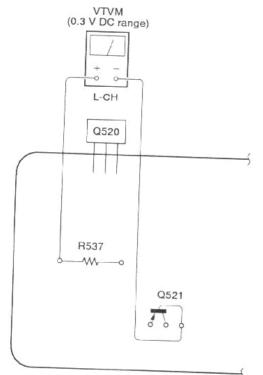
Setting:

ATTENUATOR (Volume) control: minimum Input signal: No signal input

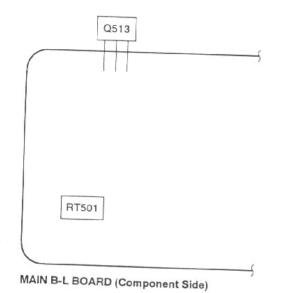
Procedure:

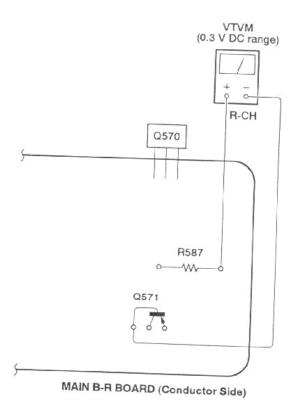
Adjust RT501 (L-CH) and RT551 (R-CH) for 45 mV reading on the VTVM

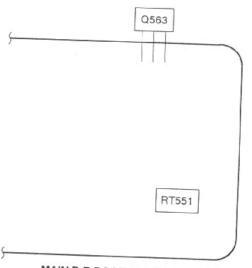
Adjustment Location: MAIN B-L, B-R BOARD



MAIN B-L BOARD (Conductor Side)





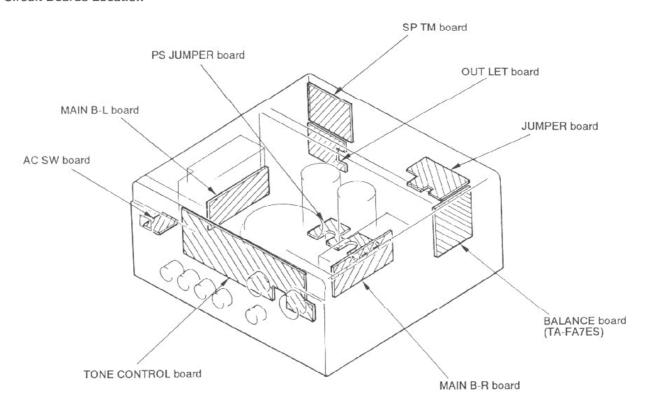


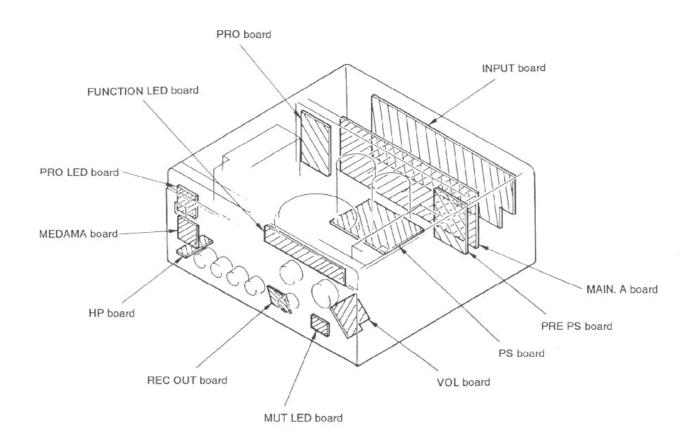
SECTION 4 DIAGRAMS

4-1. IC PIN FUNCTION DESCRIPTION IC901 TMP47C200BN-H327 (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Function
1	RCL	0	Clock Serial data of EEPROM (X24C01P)
2	RDT	I/O	Data Serial data of EEPROM (A24COTF)
3	VDW	0	Down VR motor control signal (Active: H, Stop: L-L, Brake: H-H)
4	VUP	0	Up VR motor control signal (Active: H, Stop: L-L, Brake: H-H)
5	CD	0	Function relay select signal output (ON: L)
6	MUT	0	Mute control signal output when switching (Mute: H)
7	AUX	О	Function relay select signal output (ON: L)
8	Т3	О	Function relay select signal output (ON: L)
9	T2	0	Function relay select signal output (ON: L)
10	T1	0	Function relay select signal output (ON: L)
11	SW0	1	
12	SW1	I	Palativity position detection rigan of setons system
13	SW2	I	Relativity position detection signal of rotary switch (One of them terminal: H, the other terminal: L)
14	SW3	I	Direction from SW5 to SW0, TUNER → CD → AUX →
15	SW4	I	TAPE2 → TAPE1 → PHONO → TUNER → ······
16	SW5	I	
17	PHONO	0	
18	TUNER	0	
19	CD	0	Function LED drive signal (ON: L)
20	AUX	0	
21	GND		GND terminal
22	TAPE1	0	
23	TAPE2	0	Punction LED drive signal (ON: L)
24	TAPE3	0	
25		0	Not used (Connected to GND)
26	3 -1 2	I	Not used (Connected to GND)
27		I	Not used (Connected to GND)
28	_	I	Not used (Connected to GND)
29	2 7,7 4	1	Not used (Connected to GND)
30	TEST	_	Test terminal (Open)
31	XIN	1_2	
32	XOUT	-	Oscillation signal 8.19 MHz
33	RESET	I	Reset signal (Reset: L)
34	HOLD	I	Cancellation of hold mode signal (Start: H)
35	TUNER	0	Function relay select signal output (ON: L)
36	PHONO	0	Function relay select signal output (ON: L)
37	SIRCS	I	SIRCS signal (Active: L)
38	-	0	Not used (Connected to GND)
39	-	0	Not used (Connected to GND)
40		0	Not used (Connected to GND)
41		0	Model mode switch signal (Connected to GND)
42	VDD		POWER supply (+5 V) terminal

. Circuit Boards Location

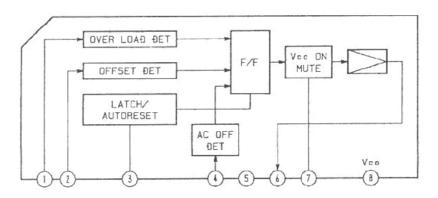




IC Block Diagrams

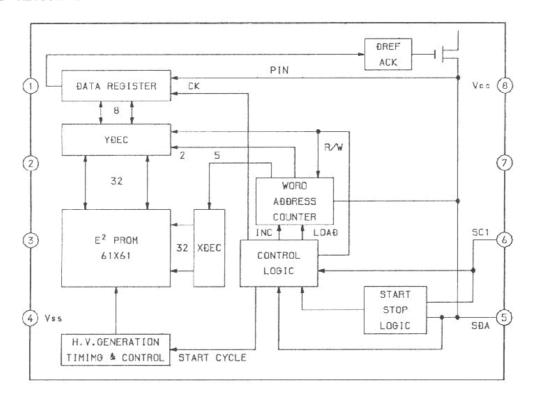
PRO board

IC601 μ PC1237HA

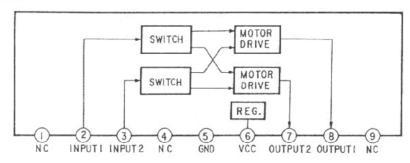


TONE. CONTROL board

IC903 X24C01P-S

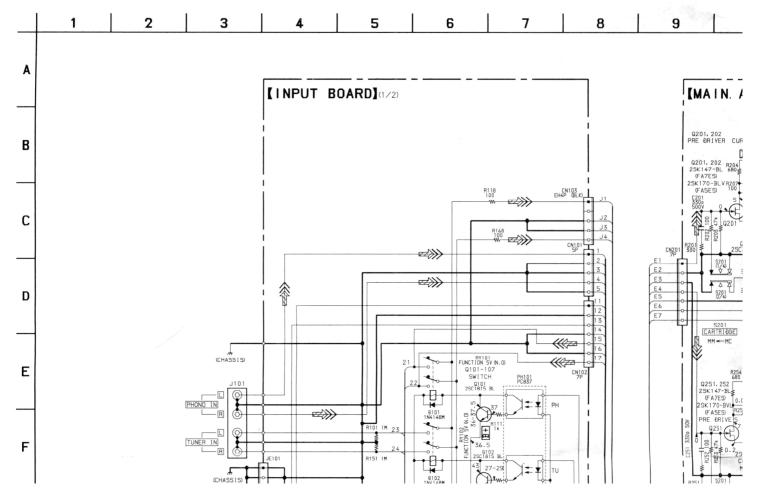


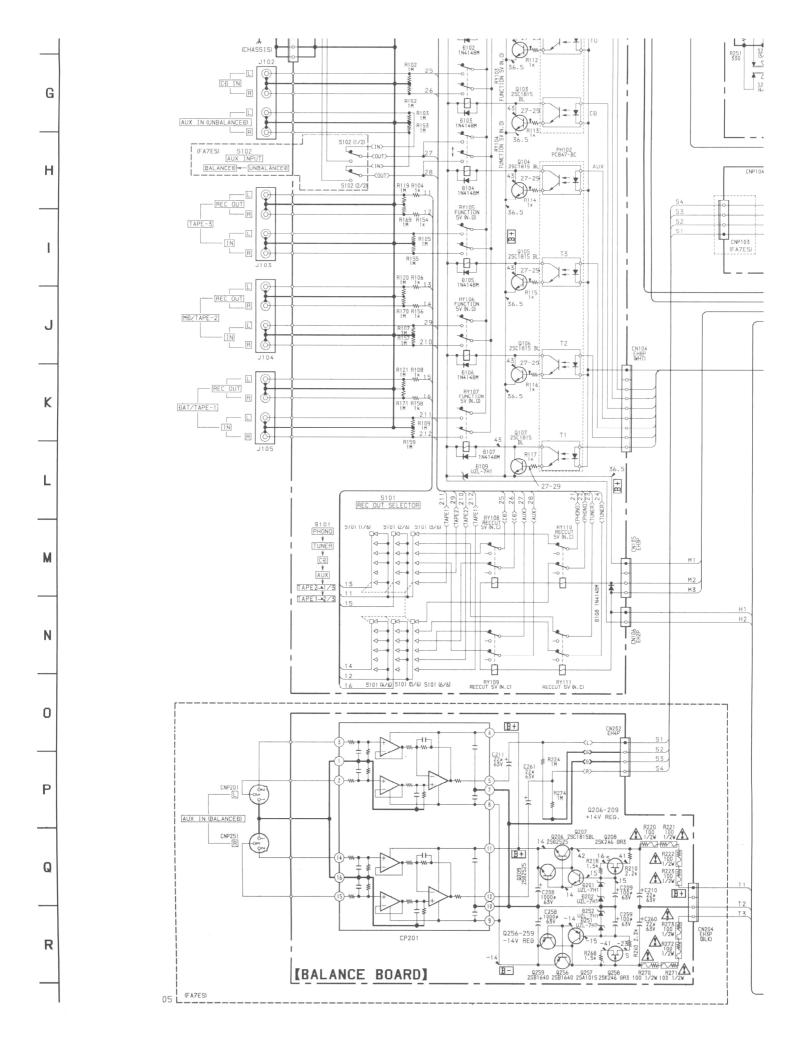
IC904 BA6208



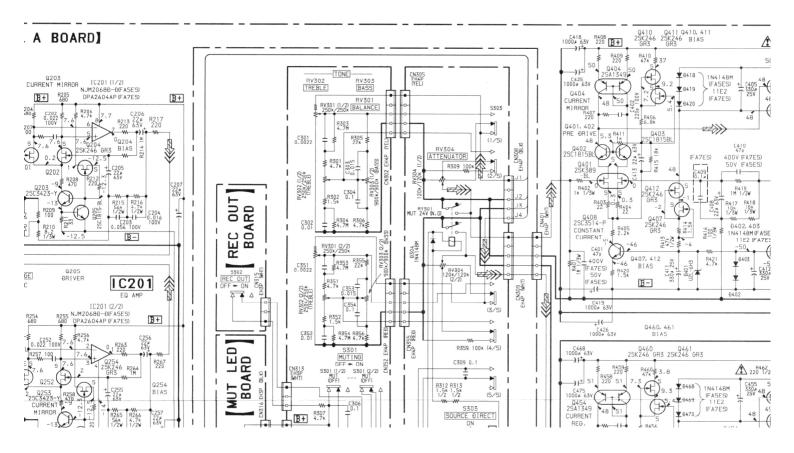
IA-FAJEJ/FA/EJ

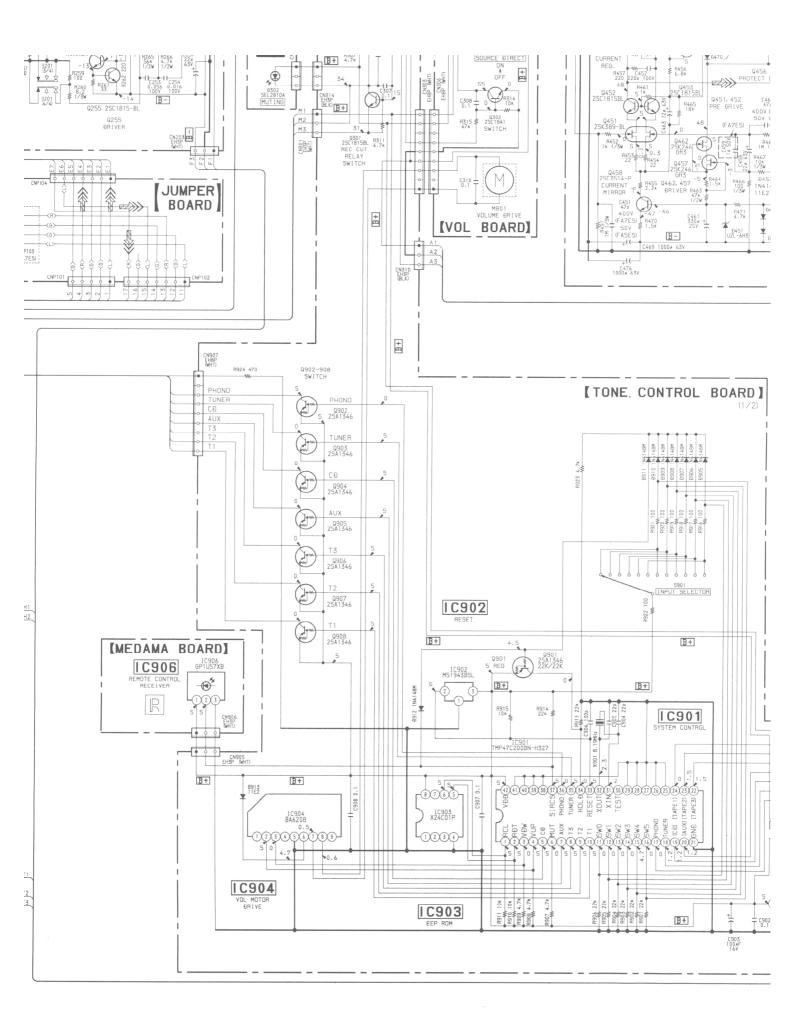
4-2. SCHEMATIC DIAGRAM • See page 10 for IC Block Diagrams.



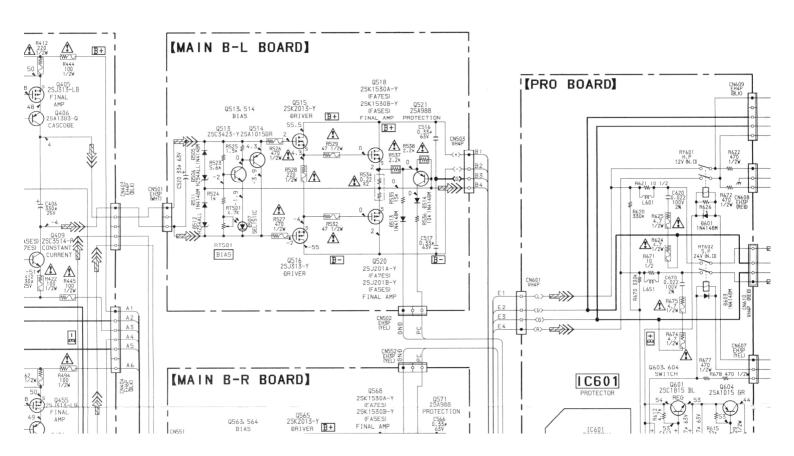


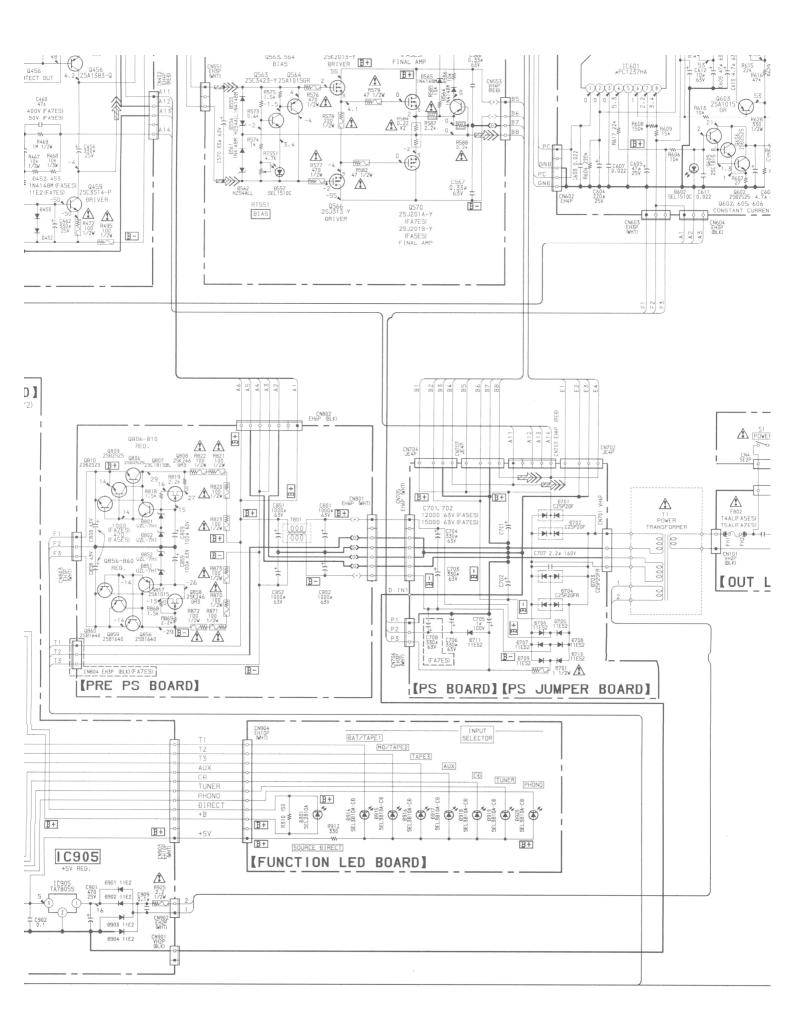
10 11 12 13 14 15 16 17 18 19

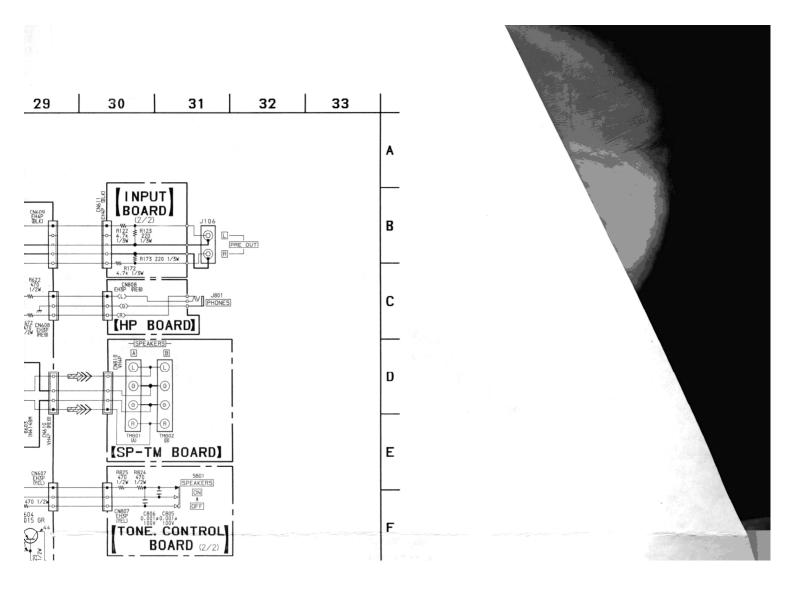


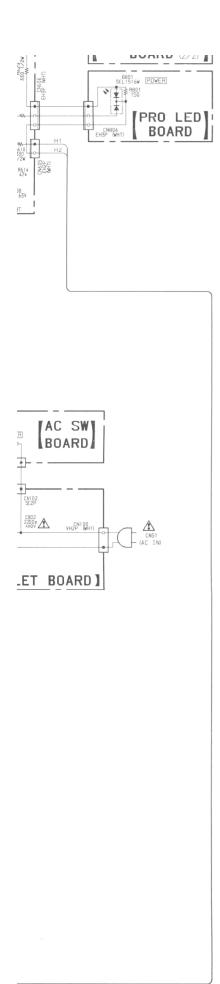


20 21 22 23 24 25 26 27 28 29





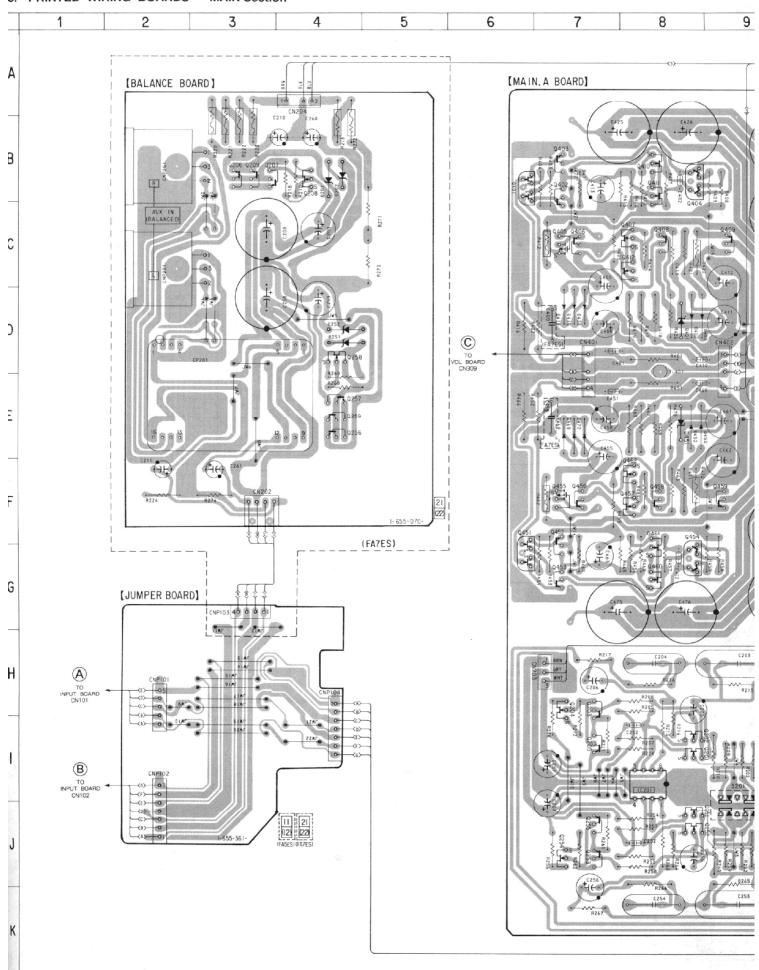


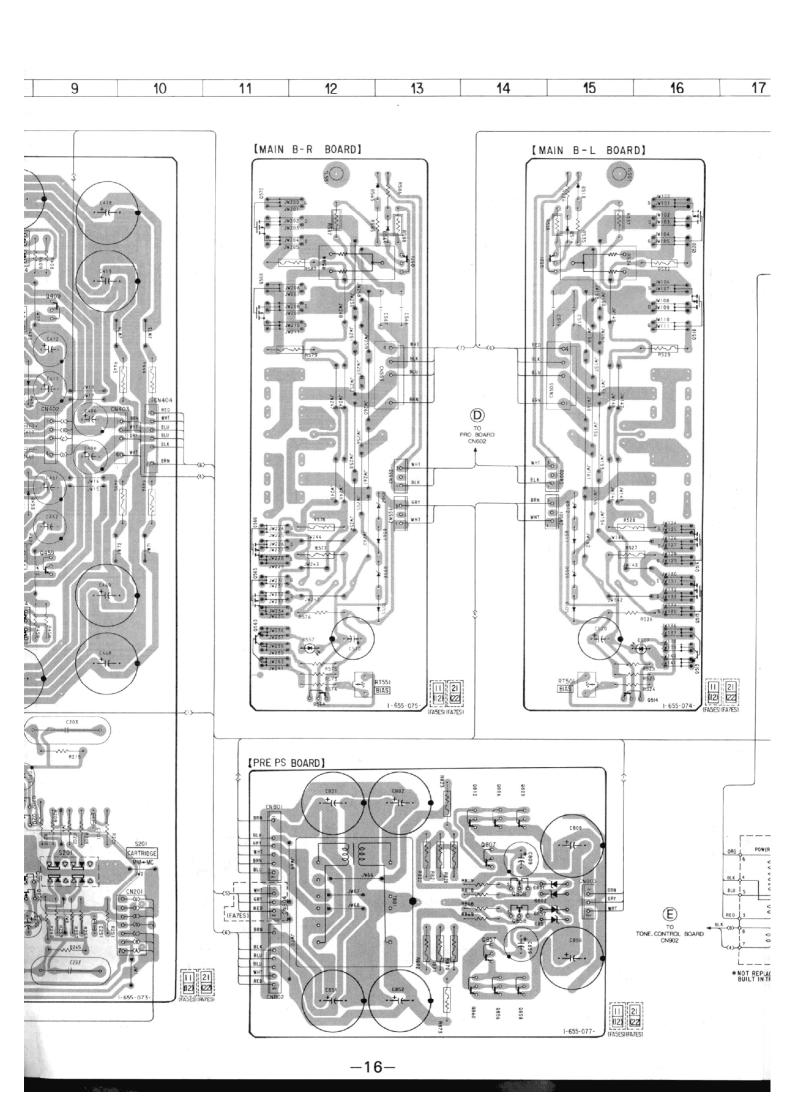


G Н K М N 0 Note: • All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50 WV or less are not indicated except for electrolytics and tantalums. All resistors are in Ω and $1\!/_{\!\!4}$ W or less unless otherwise specified. % : indicates tolerance. : nonflammable resistor. : fusible resistor. Note: The components identified by mark extstyle extwith mark extstyle extQ Replace only with part number specified. B + : B + Line. B - : B - Line. : panel designation. : adjustment for repair. R Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions. Voltages are taken with a VOM (10 M Ω /V). Voltage variations may be noted due to normal production tolerances. Signal path. : PHONO

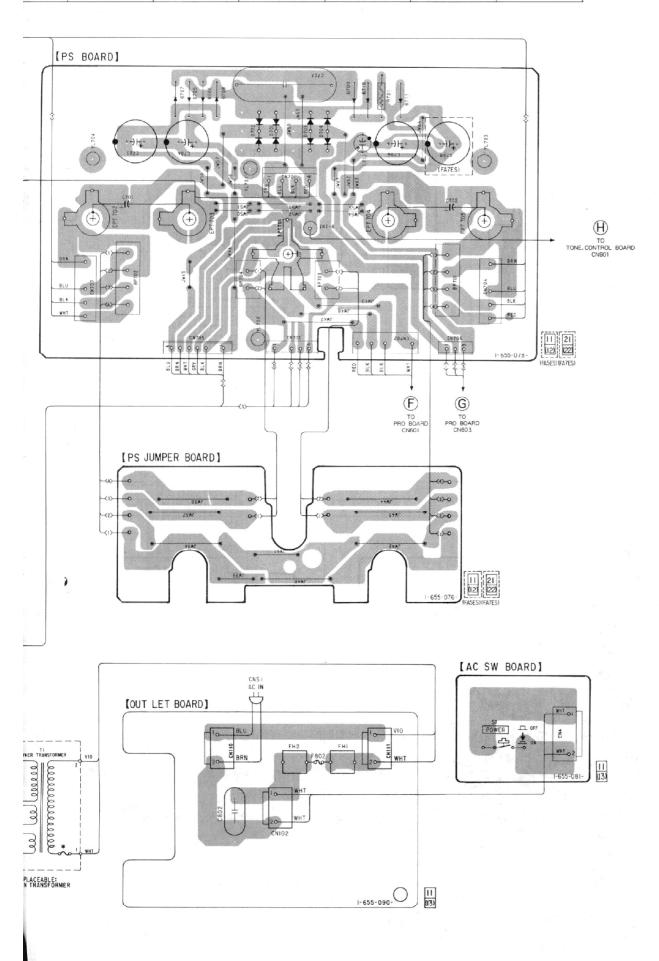
L

P









• Semiconductor Location

Note:

o:FA7ES ONLY

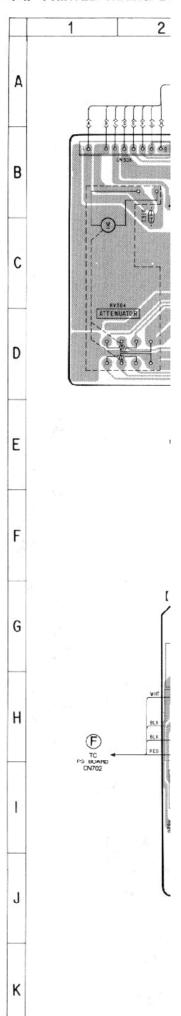
Note:

- o : parts extracted from the component side.
 Pattern from the side which enables seeing.

4-4. PRINTED WIRING BO

Semiconductor Location

Ref. No.	Location
D101 D102 D103 D104 D105 D106 D107 D108 D109 D301 D302 D304 D601 D602 D603 D801 D901 D902 D903 D904 D905 D906 D907 D908 D909 D910 D911 D912 D913 D914 D915 D916 D917 D918 D917 D918 D919 D919 D910 D911	G-19 G-19 G-19 G-18 H-17 H-16 H-15 H-13 H-25 C-10 C-2 I-3 B-22 B-22 B-22 C-16 C-17 C-17 C-17 C-17 C-25 D-25 D-25 D-25 F-25 F-25 F-25
PH101 PH102	G-13 G-14
1C601 1C901 1C902 1C903 1C904 1C905 1C906	I-5 B-18 B-20 C-19 C-21 B-23 E-10
0101 0102 0103 0104 0105 0106 0107 0301 0302 0601 0602 0603 0604 0605 0606 0901 0902 0903 0904 0905 0906 0907	G-13 G-13 G-13 G-17 G-16 G-15 G-14 B-14 B-2 H-4 H-6 H-6 H-6 B-16 B-21 B-21 B-21 B-21 B-21 B-22 B-22

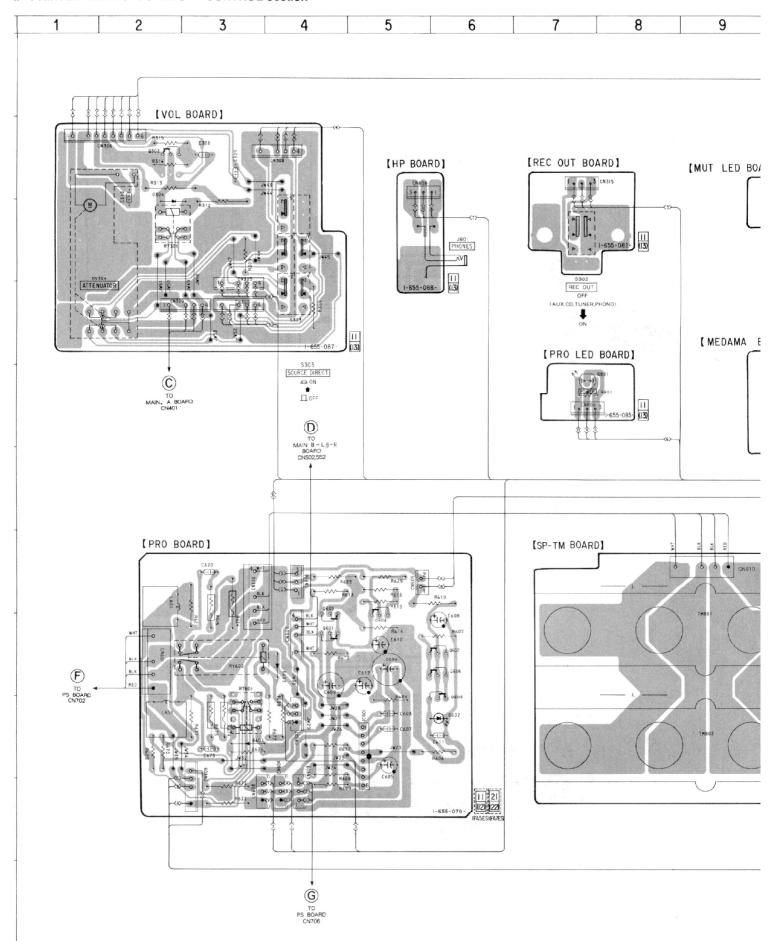


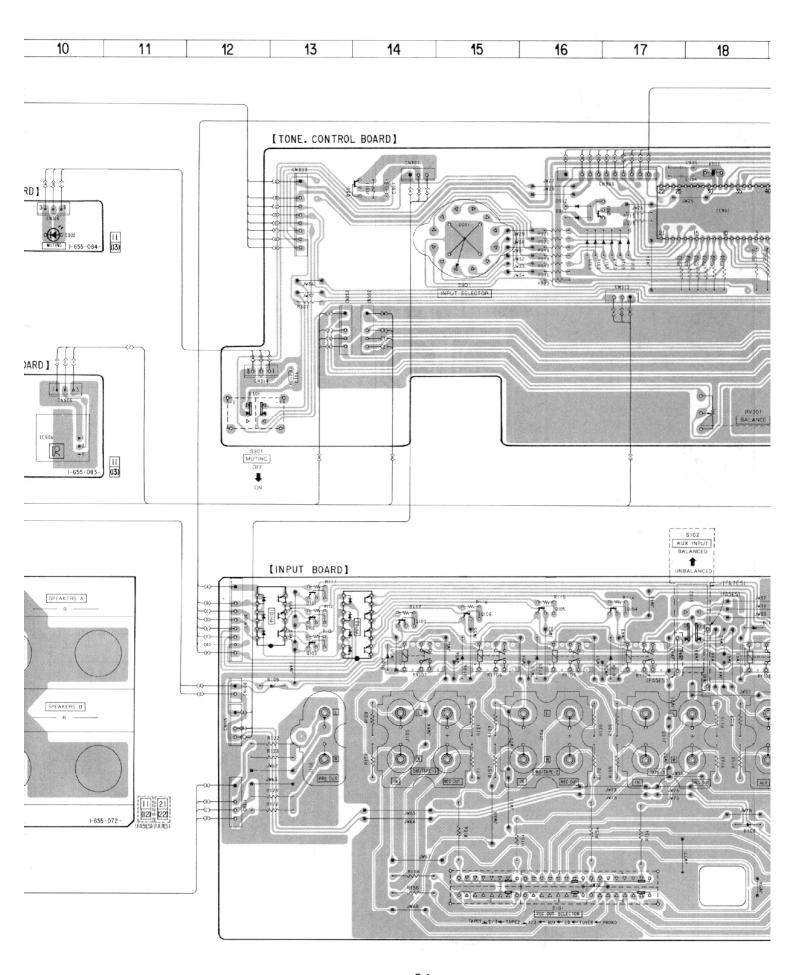
ote:

o----: parts extracted from the component side.

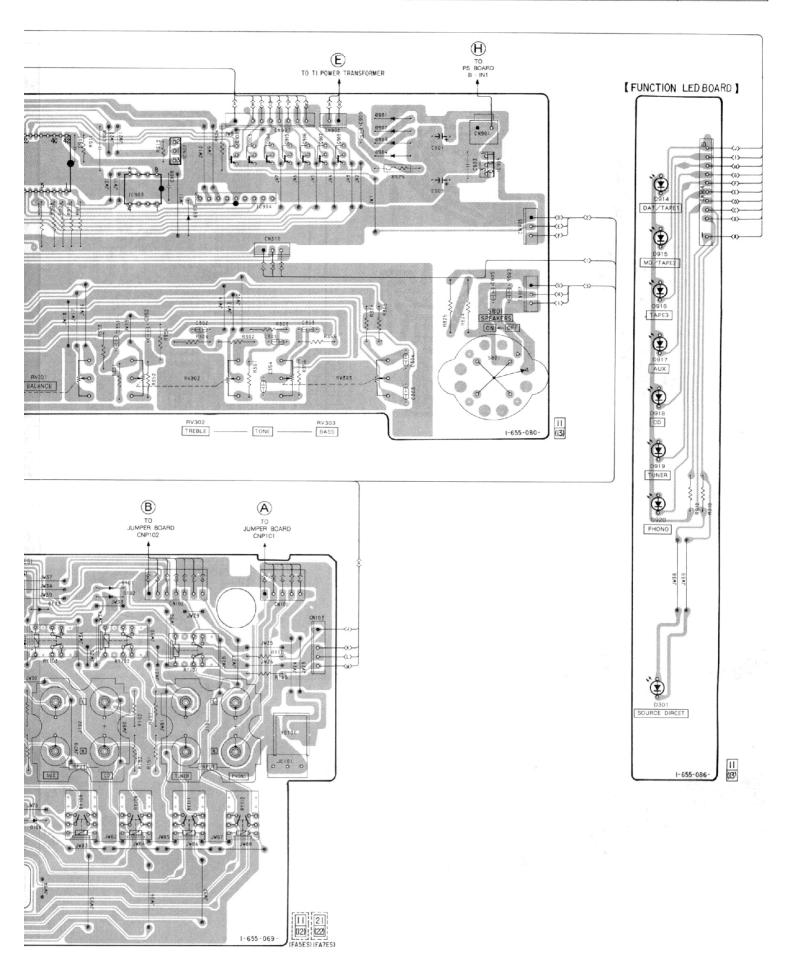
: Pattern from the side which enables seeing.

I. PRINTED WIRING BOARDS - CONTROL Section -





 ,							
19	20	21	22	23	24	25	26



SECTION 5 EXPLODED VIEWS

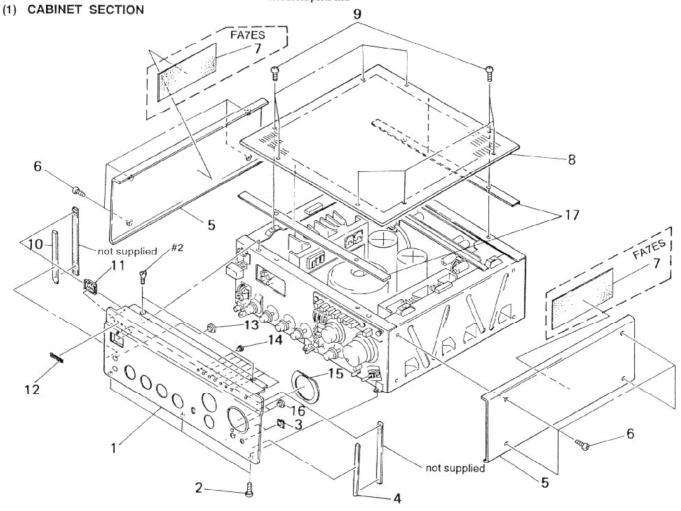
NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts Example: KNOB, BALANCE (WHITE) . . . (RED)

Parts Color Cabinet's Color

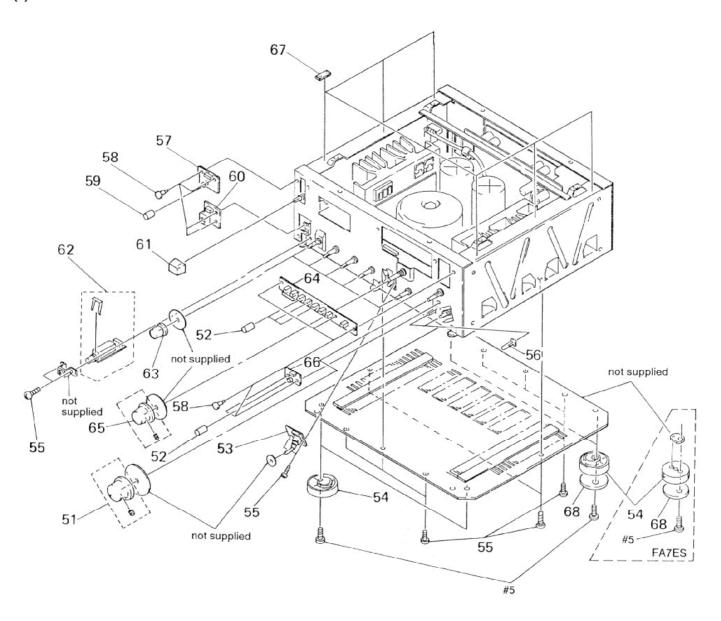
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of the electrical parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-970-139-41	PANEL, FRONT (FASES: BLACK)	9	4-921-439-11	SCREW (M3X8), FLAT HEAD (GOI	.D)
1	4-970-139-51	PANEL, FRONT (FASES: GOLD)		9		SCREW (M3X8), FLAT HEAD (BLA	
1	4-970-139-61	PANEL, FRONT (FA7ES: BLACK)	10		PLATE (L), ORNAMENTAL (BLACK	
1		PANEL, FRONT (FA7ES: GOLD)		10		PLATE (L), ORNAMENTAL (GOLD)	
2	3-703-685-21	SCREW (+BV 3X8)		11		ESCUTCHEON, POWER KNOB (BLAC	
3	4-970-145-01	ESCUTCHEON (P) (BLACK)		11	4-921-415-13	ESCUTCHEON, POWER KNOB (GOLI))
3	4-970-145-11	ESCUTCHEON (P) (GOLD)		12		EMBLEM (NO. 5), SONY (BLACK)	Š:
4	4-970-142-01	PLATE (R), ORNAMENTAL (BL	ACK)	12		EMBLEM (NO. 5), SONY (GOLD)	
4	4-970-142-11	PLATE (R), ORNAMENTAL (GO	LD)	13		WINDOW, LAY CATCHER (BLACK)	
5	4-970-140-01	PANEL, SIDE (BLACK)		13		WINDOW, LAY CATCHER (GOLD)	
5	4-970-140-11	PANEL, SIDE (GOLD)		14	4-969-325-11	LENS. LED	
6	4-924-242-11	SCREW (M3X6), FLAT HEAD (BLACK)	15		PLATE (V), ORNAMENTAL (BLACK	0
6	4-924-242-61	SCREW (M3X6), FLAT HEAD (GOLD)	15		PLATE (V), ORNAMENTAL (GOLD)	76.0
7	4-971-842-01		ACC 30 ACC 10 AC	16	4-970-486-01		
* 8	4-969-333-21	BOARD, TOP (BLACK)		17	4-969-347-01		
* 8	4-969-333-31	BOARD, TOP (GOLD)					

(2) FRONT PANEL SECTION

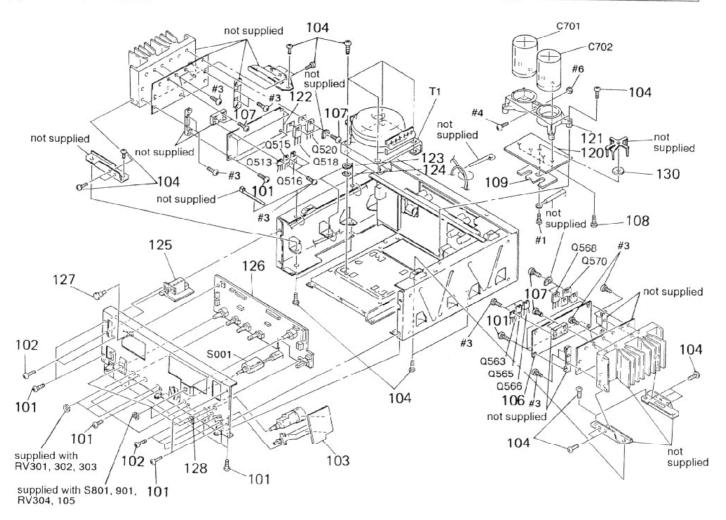


Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-4945-357-1	KNOB (VB) ASSY (BLACK)		* 60	1-655-083-11	MEDAMA BOARD	
51	X-4945-359-1	KNOB (VG) ASSY (GOLD)		61	4-942-032-01	KNOB (POWER) (BLACK)	
* 52	4-971-833-01	TUBE (A), LIGHT INTERCEPTION		61	4-942-032-11	KNOB (POWER) (GOLD)	
* 53	1-655-082-11	REC OUT BOARD		* 62	1-655-088-11	HP BOARD	
54	4-970-123-01	F00T (F50180S) (FA5ES)		63	4-970-152-01	KNOB (R) (BLACK)	
54	4-970-487-01	FOOT (F50180S) (FA7ES)		63	4-970-152-11	KNOB (R) (GOLD)	
55	4-967-961-01	SCREW (3X8) (SPECIAL)		* 64	1-655-086-11	FUNCTION LED BOARD	
56	4-970-146-01	BUTTON (BLACK)		65	4-970-148-01	KNOB (I) (BLACK)	
56	4-970-146-11	BUTTON (GOLD)		65	4-970-148-11	KNOB (I) (GOLD)	
* 57	1-655-085-11	PRO LED BOARD		* 66	1-655-084-11	MUT LED BOARD	
58	4-812-134-00	RIVET (DIA. 3.5), NYLON		67	4-969-896-01	SPACER	
* 59	4-971-834-01	TUBE (B), LIGHT INTERCEPTION		68	4-972-889-01	CUSHION	

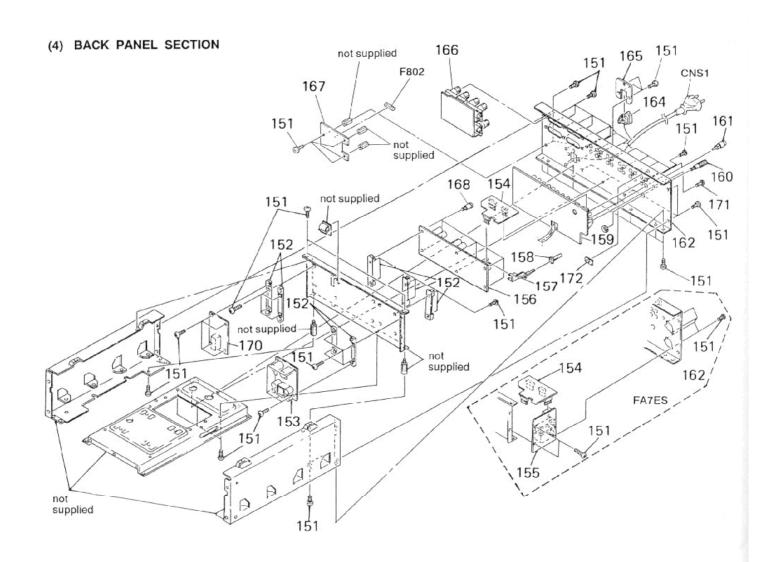
Note: The components identified by mark A or dotted line with mark A are critical for safety.

Replace only with part number specified.

(3) CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	í	Remark
101	4-967-961-01	SCREW (3X8) (SPECIAL)	[3	C701	1-104-902-11	CAP FLECT	 15000uF (FA7ES)	-
102	4-967-959-01	SCREW (3X6)		C701	1-107-845-12	CAP FLECT	12000uF (FA5ES)	
* 103	1-655-087-11	VOL BOARD		C702	1-104-902-11	CAP FLECT	15000uF (FA7ES)	
104	4-967-960-01	SCREW (4X8)		C702	1-107-845-12	CAP FLECT	12000uF (FA5ES)	
* 106	1-655-075-11	MAIN B-R BOARD (FASES)		Q513	8-729-203-45			
* 106	1-655-075-21	MAIN B-R BOARD (FA7ES)		Q515	8-729-018-19	TRANSISTOR	2SK2013-Y	
107	4-956-589-01	SCREW(3X14), +B(COPPER PLATI	(G)	Q516	8-729-018-21			
* 108	4-931-964-01	SCREW (M4X6)		Q518	8-729-018-11			
* 109	1-655-076-11	PS JUMPER BOARD (FASES)		Q518			2SK1530B-Y (FA5ES)	
* 109	1-655-076-21	PS JUMPER BOARD (FA7ES)		Q520	8-729-018-13			
* 120	1-655-078-11	PS BOARD (FASES)	1	Q520	8-729-030-15	TRANSISTOR	2SJ201B-Y (FA5ES)	
	1-655-078-21	PS BOARD (FA7ES)		Q563	8-729-203-45	TRANSISTOR	2SC3423-0	
* 121	4-970-132-01			Q565	8-729-018-19			
* 122		MAIN B-L BOARD (FASES)		Q566	8-729-018-21	TRANSISTOR	2SJ313-Y	
* 122	1-655-074-21	MAIN B-L BOARD (FA7ES)		Q568			2SK1530A-Y (FA7ES)	
* 123	3-333-771-01			Q568	8-729-030-14	TRANSISTOR	2SK1530B-Y (FA5ES)	
* 124		SHEET, ADHESIVE		Q570	8 729-018-13	TRANSISTOR	2SJ201A-Y (FA7ES)	
	1-655-081-11			Q570	8-729-030-15	TRANSISTOR	2SJ201B-Y (FA5ES)	
* 126	A-4371-831-A	TONE. CONTROL BOARD, COMPLETE		S001	1-762-185-11	SWITCH, ROTA	ARY SLIDE (REC OUT S	FLECTOR)
127	4-812-134-00	RIVET (DIA. 3.5), NYLON		<u>^</u> 111	1-429-111-11	TRANSFORMER,	POWER (FASES)	cccoron,
128 * 130	4-972-113-01 3-555-872-21			 ⚠T1	1-429-112-11	TRANSFORMER,	POWER (FA7ES)	



Note: The components identified by mark A or dotted line with mark A are critical for safety.

Replace only with part number specified.

Re	ef. No.	Part No.	Description	Remark
	151	4-967-961-01	SCREW (3X8) (SPECIAL)	9
+	152	4-969-344-01	HOLDER (P) (FA7ES)	
#	153	1-655-077-11	PRE PS BOARD (FASES)	
+	153	1-655-077-21	PRE PS BOARD (FA7ES)	
*	154	1-655-361-11	JUMPER BOARD (FASES)	
*	154	1-655-361-21	JUMPER BOARD (FA7ES)	
*	155	A-4378-510-A	BALANCE BOARD, COMPLETE (FA7ES)	
	156	A-4378-507-A	MAIN. A BOARD, COMPLETE (FASES)	
÷	156	A-4378-519-A	MAIN. A BOARD, COMPLETE (FA7ES)	
*	157	4-970-147-01	ROD	
	158	4-970-146-01	BUTTON (BLACK)	
÷	159	A-4378-506-A	INPUT BOARD, COMPLETE (FASES)	
*	159	A-4378-518-A	INPUT BOARD, COMPLETE (FA7ES)	
*	160	1-535-691-21	TERMINAL (FASES)	
*	160	1-535-691-31	TERMINAL (FA7ES)	
	161	1-506-113-00	SHORT PLUG	

Ref. No.	Part No.	Description	Remark
* 162	4-975-263-01	PANEL, BACK (FASES)	
* 162	4-975-263-11	PANEL, BACK (FA7ES)	
164	2-352-626-01	BUSHING, CORD	
* 165	4-923-873-01	BRACKET, CORD STOPPER	
* 166	1-655-072-11	SP-TM BOARD (FASES)	
+ 166	1-655-072-21	SP-TM BOARD (FA7ES)	
* 167	1-655-071-11	OUT LET BOARD	
168	4-973-106-01	SCREW, COLLAR	
* 170	A-4378-503-A	PRO BOARD, COMPLETE (FASES)	
* 170	A-4378-516-A	PRO BOARD, COMPLETE (FA7ES)	
171	3-703-685-21	SCREW (+BV 3X8)	
172	4-970-145-01	ESCUTCHEON (P) (BLACK)	
ACNS1	1-575-953-11	CORD, POWER	
ÆF802	1-532-299-00	FUSE, TIME-LAG (T5A 250V) (FA7E	ES)
ÆF802	1-532-350-00	FUSE, TIME-LAG (T4A 250V) (FASH	(S)

SECTION 6 **ELECTRICAL PARTS LIST**

AC SW

BALANCE FUNCTION LED

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS All resistors are in ohms. METAL: Metal-film resistor. METAL OXIDE: Metal oxide-film resistor. F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS

In each case, u: µ, for example: uA ..: μA.. uPA. .: μ.PA. .

uPB..: μPB.. uPC..: μPC.. uPD..: μPD..

 CAPACITORS uF: μF

• COILS иН: ДН

The components identified by mark ⚠ or dotted line with mark A are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board.

1.1100	111ammab1e				un: µn						
Ref. No.	Part No.	Description		Re	mark	Ref. No.	Part No.	Description			Remar
	1-655-081-11	AC SW BOARD				4			-		
		********						< TRANSISTOR	R >		
		< CONNECTOR >				Q206	8-729-030-18	TDANCICTOD	2SD2525		
		COMMECTOR				Q207	8-729-281-54		2SC1815-	RI	
CN4	1-580-629-11	PIN, CONNECTOR	2P			Q208	8-729-202-67		2SK246-G		
GIV1	1 000 020 11	TIN, CONNECTOR	LI			Q209	8-729-030-18		2SD2525	III	
		< SWITCH >				Q256	8-729-030-19		2SB1640		
S1	1-554-538-00	SWITCH, PUSH (A	(C POWER) /1	KEV) /DO	WFD)	Q257	8-729-201-53	TDANCICTOD	2SA1015-	CD	
-		**********	en and company in		T. 5 (5)	Q258	8-729-202-67		2SK246-G		
					14775	Q259	8-729-030-19		2SB1640	110	
	A-4378-510-A	BALANCE BOARD,	COMPLETE	(FA7ES)		4500	0 123 030 13	HATOTOM	2001040		
	1010 010 N	**********						< RESISTOR >	ts.		
		< CAPACITOR >				R210	1-249-931-11	CARRON	2. 2K	5%	1/4W
		CHI HOTTON				R218	1-259-171-21		1. 5K		1/4W
C208	1-110-397-11	ELECT	1000uF	20%	63V	/AR220	1-219-022-11		100	5%	1/2W F
C209	1-110-393-11		100uF	20%	63V		1-219-022-11		100	5%	1/2W F
C210	1-110-390-11		22uF	20%	63V		1-219-022-11		100	5%	1/2W F
C211	1-110-390-11		22uF	20%	63V				200	- 8	-, -" •
C258	1-110-397-11	ELECT	1000uF	20%	63V	ÆR223	1-219-022-11	FUSIBLE	100	5%	1/2W F
						R224	1-124-995-11	CARBON	1M	5%	1/4W
C259	1-110-393-11	ELECT	100uF	20%	63V	R260	1-249-931-11	CARBON	2. 2K	5%	1/4W
C260	1-110-390-11	ELECT	22uF	20%	63V	R268	1-259-171-21	CARBON	1.5K	5%	1/4W
C261	1-110-390-11	ELECT	22uF	20%	63V	<u>↑</u> R270	1-219-022-11	FUSIBLE	100	5%	1/2W F
		< CONNECTOR >				 AR271	1-219-022-11	FUSIBLE	100	5%	1/2W F
						 ⚠ R272	1-219-022-11	FUSIBLE	100	5%	1/2W F
CN202	1-565-480-11	CONNECTOR, BOAR	RD TO BOARD	4P		<u></u>	1-219-022-11	FUSIBLE	100	5%	1/2W F
		PLUG (MICRO CON)		R274	1-124-995-11	CARBON	1 M	5%	1/4W
		CONNECTOR (CANO	5.75			******	***********	********	*******	****	********
VIII 201						*	1-655-086-11	FUNCTION LED	BOARD		
		< COMPOSITION C	CIRCUIT BLO	OCK >				******	*****		
CP201	1-233-250-11	ENCAPSULATED CO	MPONENT					< CONNECTOR	>		
		< DIODE >				CN904	1-691-772-11	PLUG (MICRO	CONNECTOR) 10P	
D201	8-719-000-93	DIODE UZL-7H1						< DIODE >			
D202	8-719-000-93										
D251	8-719-000-93					D301	8-719-301-49	LED SEL2	810A (SUR	CE DII	RECT)
D252	8-719-000-93	DIODE UZL-7H1	6-			D914	8-719-313-72		810A-CD (I		
						D915	8-719-313-72		810A-CD (
						D916	8-719-313-72	LED SEL38	810A-CD (ГАРЕЗ))
						D917	8-719-313-72	LED SEL38	810A-CD (A	AUX)	

FUNCTION LED HP INPUT

Ref. No.	Part No.	Descr	ription		Remark	Ref. No.	Part No.	Description			Remark
D918	8-719-313-72	LED	SEL3810A-CD	(CD)	-	J104	1-766-895-11	JACK, PIN 4P	(MD/TAPE	E-2) (F	A5ES)
D919	8-719-313-72	LED	SEL3810A-CD	(TUNER)		28					
D920	8-719-313-72	LED	SEL3810A-CD	(PHONO)		J104		JACK, PIN 4P			
						J105	1-766-895-11				
		< RES	ISTOR >			J105	1-766-895-21				(FA7ES)
D010		CARRO	W 450	For	4 /487	J106	1-766-894-31		25.0	7.5	
	1-249-407-11 1-249-411-11			5% 5%	1/4W 1/4W	J106	1-766-894-41	JACK 2P (PRE	001) (FA	(ES)	
			*********		5.5			< PHOTO INTE	RRUPTER	>	
								111010 11111	anor run		
*	1-655-088-11	HP BO	ARD			PH101	8-719-946-27	DIODE PC83	7		
		****	***			PH102	8-719-936-58	PHOTO COUPLE	R PC847	7-BC	
		Z CON	NECTOR >					< TRANSISTOR	5		
		× 000	MEGTOR /					\ TRANSISION			
* CN808	1-564-506-11	PLUG,	CONNECTOR 3P			Q101	8-729-281-54		2SC1815-		
						Q102	8-729-281-54		2SC1815-		
		< JAC	К >			Q103	8-729-281-54		2SC1815-		
1001	1 507 706 71	TACK	(DUONEC)			Q104	8-729-281-54 8-729-281-54		2SC1815- 2SC1815-		
	1-507-796-71		**************************************	*****		Q105	0-729-201-34	INANSISION	2301013	DL	
						0106	8-729-281-54	TRANSISTOR	2SC1815-	BI.	
* A	-4378-506-A I	NPUT B	OARD. COMPLETE	(FASES)		0107	8-729-281-54		2SC1815-		
			OARD, COMPLETE				5 4577555 53		7705555		
		*****	******					< RESISTOR >			
* 1	-535-730-21 L	EAD I	IMPER (OFC)			R101	1-124-995-11	CARRON	1M	5%	1/4W
. 1	333 730 ZI L	LAD, J	OMPER (OLG)			R102	1-124-995-11		1M	5%	1/4W
		< CON	NECTOR >			R103	1-124-995-11		1 M	5%	1/4W
						R104	1-259-167-21	CARBON	1K	5%	1/4W
* CN101	1-565-481-11	CONNE	CTOR, BOARD TO	BOARD 51)	R105	1-124-995-11	CARBON	1M	5%	1/4W
* CN102	1-565-483-11	CONNE	CTOR, BOARD TO	BOARD 71)						
			(MICRO CONNECTO			R106	1-259-167-21		1K	5%	1/4W
			(MICRO CONNECTO			R107	1-124-995-11		1M	5%	1/4W
CN105	1-691-765-11	PLUG	(MICRO CONNECTO	IR) 3P		R108	1-259-167-21		1K	5%	1/4W
CN106	1-564-505-11	DLUC	CONNECTOR 2P			R109 R111	1-124-995-11 1-259-167-21		1M 1K	5% 5%	1/4W 1/4W
			(MICRO CONNECTO	R) 4P		RIII	1 233 107 21	CARDON	IN	3.6	1/4#
Choll	1 031 700 11	1200	(MICHO COMECTO	, -11		R112	1-259-167-21	CARBON	1K	5%	1/4W
		< D10	DE >			1000000	1-259-167-21		1 K	5%	1/4W
						R114	1-259-167-21	CARBON	1K	5%	1/4W
D101	8-719-987-63	DIODE	1N4148M			R115	1-259-167-21	CARBON	1K	5%	1/4W
D102	8-719-987-63					R116	1-259-167-21	CARBON	1 K	5%	1/4W
D103	8-719-987-63										
D104	8-719-987-63					R117	1-259-167-21		1K	5%	1/4W
D105	8-719-987-63	DIODE	1N4148M			R118	1-259-143-21 1-124-995-11		100 1M	5% 5%	1/4W 1/4W
D106	8-719-987-63	DIODE	1N4148M			R119 R120	1-124-995-11		1M	5%	1/4W
D107	8-719-987-63					R121	1-124-995-11		1M	5%	1/4W
D108	8-719-987-63						11		2	1	26(37)
D109	8-719-000-93					R122	1-249-226-11	CARBON	4. 7K	5%	1/3W
						R123	1-249-194-11	CARBON	220	5%	1/3W
		< JAC	K >			R151	1-124-995-11		1M	5%	1/4W
						R152	1-124-995-11		1M	5%	1/4W
J101			PIN 4P (PHONO PIN 4P (AUX CD			R153	1-124-995-11	CARBON	1M	5%	1/4W
J102 J103			PIN 4P (AUX CD	7.432		R154	1-259-167-21	CARRON	1K	5%	1/4W
J103			PIN 4P (TAPE-3			R154	1-124-995-11		1M	5%	1/4W
0.200	2 100 000 21	0.3011	The state of the state of	, (111110)		1 11100	11				

INPUT JUMPER MAIN. A

	Ref. No.	Part No.	Description			Remark		Ref. No.	Part No.	Descript	ion		Re	emark
R153	R156	1-259-167-21	CARBON	1K	5%	1/4W	F			< CAPACI	TOR >			
R150	R157	1-124-995-11	CARBON	1M			1							
R158 1-23 - 935 - 11 CARBON M 5x 1/49	R158	1-259-167-21	CARBON	1K	5%			C201	1-104-290-11	POLYSTYR	ENE 330PF	5%	50V	
RISS 1-239-114-21C CARBON 100 5x 1/4W C205 1-124-995-11 CARBON 1M 5x 1/4W C205 1-124-995-11 ELECT 22\(\tau\) 22\(\tau\) 100V (FASES) C206 1-124-995-11 CARBON 1M 5x 1/4W C205 1-110-390-11 ELECT 22\(\tau\) 22\(\tau\) 100V (FASES) C206 1-124-995-11 ELECT 22\(\tau\) 20\(\tau\) 100V (FASES) C207 1-110-390-11 ELECT 22\(\tau\) 20\(\tau\) 100V (FASES) C207 1-110-390-11 ELECT 22\(\tau\) 20\(\tau\) 100V (FASES) C207 1-110-390-11 ELECT 22\(\tau\) 20\(\tau\) 100V (FASES) C207 1-124-995-11 ELECT 22\(\tau\) 20\(\tau\) 100V (FASES) C207 1-124-995-1								C202	1-130-973-00	FILM	0. 022uF	2%	100V	
R1870	R159	1-124-995-11	CARBON	1M	5%	1/4W		C203	1-130-341-00	FILM	0.056uF	2%	100V	
R171	R168	1-259-143-21	CARBON	100	5%	1/4W		C204	1-130-971-00	FILM	0.016uF	2%	100V	
R171	R169	1-124-995-11	CARBON	1M	5%	1/4W		C205	1-124-929-11	ELECT	22uF	20%	100V	(FA5ES)
112 1-249-225-11 CARBON 4.7K 5k 1/3W C206 1-124-925-11 ELECT 22uF 20k 63V (FATES)	R170	1-124-995-11	CARBON	1M	5%	1/4W								
R172	R171	1-124-995-11	CARBON	1M	5%	1/4W		C205	1-110-390-11	ELECT		20%	63V	(FA7ES)
R173												20%		
CRELAY C														
RELAY C251	R173	1-249-194-11	CARBON	220	5%	1/3W								
RY101			V BRITING					C207	1-110-390-11	ELECT	22uF	20%	63V	(FA7ES)
RY102 1-755-060-11 RELAY C252 1-130-347-00 FILM 0.025µF 2½ 100V FASES) FASE-060-11 RELAY C254 1-130-341-00 FILM 0.05µF 2½ 100V FASES) FASE-060-11 RELAY C255 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C256 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C256 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C256 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C256 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20¼ 100V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20¼ 100V FASES FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20¼ 100V FASES FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20¼ 100V FASES FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20¼ 100V FASES FASE-060-11 RELAY C401 1-104-274-11 POLYSTYRENE 47PF 10¼ 400V FASES FASE-060-11 RELAY C401 1-104-322-11 POLYSTYRENE 47PF 10½ 400V FASES C406 1-125-025-11 ELECT 23µF 20½ 53V FASES C409 1-125-025-11 ELECT 23µF 20½ 53V FASES C409 1-125-025-11 ELECT 23µF 20½ 53V FASES C409 1-104-322-11 POLYSTYRENE 47PF 10½ 50V FASES C409 1-125-025-11 ELECT 22µF 20½ 63V FASES C409 1-104-322-11 POLYSTYRENE 47PF 10½ 50V FASES C409 1-125-025-11 ELECT 1000µF 20½ 63V C409 C			< RELAY >					0054		DOL HOWED	ENE COORE			
RY102 1-755-060-11 RELAY C254 1-130-391-10 FILM D, 0.56µF 2x 100V FASES) FASE-060-11 RELAY C255 1-124-929-11 ELECT 22µF 20X 100V FASES) FASE-060-11 RELAY C255 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C256 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C256 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C256 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C257 1-124-929-11 ELECT 22µF 20X C0V FASES) FASE-060-11 RELAY C401 1-104-227-11 POLYSTYNENE 47PF 10X 50V FASES) FASE-060-11 RELAY C401 1-104-227-11 POLYSTYNENE 47PF 10X 50V FASES) FASE-060-11 RELAY C401 1-104-322-11 POLYSTYNENE 47PF 10X 50V FASES FASE-060-11 RELAY C402 1-126-025-11 ELECT 330µF 20X 25V FASES C402 1-126-025-11 ELECT 1000µF 20X 63V C45ES C452 1-128-474-11 ELECT 1000µF 20X 63V C45ES C452	DV4.04		DEL AV											
RY104														
R7105 1-755-080-11 RELAY C255 1-124-929-11 ELECT 22uF 20% 63V (FA7ES) C256 1-110-390-11 ELECT 22uF 20% 63V (FA7ES) C257 1-124-929-11 ELECT 200-11														
RY105 1-755-060-11 RELAY C255 1-110-390-11 ELECT 22uF 20% 63V (FA7ES)														(EAEEC)
RY106 1-755-060-11 RELAY C256 1-110-390-11 ELECT 22uF 20% 63V FA7ES								0233	1-124-525-11	ELECT	2201	20%	1004	(LV3E9)
RY106 1-755-060-11 RELAY C256 1-124-929-11 ELECT 22uF 20% 63V (FASES) RY107 1-755-060-11 RELAY C257 1-124-929-11 ELECT 22uF 20% 63V (FASES) RY109 1-755-060-11 RELAY C257 1-110-390-11 ELECT 22uF 20% 63V (FASES) RY109 1-755-060-11 RELAY C257 1-110-390-11 ELECT 22uF 20% 63V (FASES) RY109 1-755-060-11 RELAY C401 1-104-274-11 PULYSTYRENE 47PF 10% 400V (FASES) RY111 1-755-060-11 RELAY C401 1-104-274-11 PULYSTYRENE 47PF 10% 400V (FASES) C402 1-136-810-11 FILM 220PF 5% 100V FASES C402 1-136-810-11 FILM 220PF 5% 100V FASES C402 1-136-810-11 FILM 220PF 5% 100V FASES C402 1-126-025-11 ELECT 23uG 20% 25V C405 1-126-025-11 ELECT 23uG 20% 25V C405 C	RITUJ	1 733 000 11	HELAI				. 4	C255	1-110-390-11	FLECT	22uF	20%	63V	(FAZES)
RY101 1-755-060-11 RELAY C256 1-110 -390-11 ELECT 22uF 20% 63V FA7ES RY101 1-755-060-11 RELAY C257 1-110 -390-11 ELECT 22uF 20% 63V FA7ES RY110 1-755-060-11 RELAY C257 1-110 -390-11 ELECT 22uF 20% 63V FA7ES RY110 1-755-060-11 RELAY C401 1-104-274-11 POLYSTYRENE 47PF 10% 50V FA7ES A401 1-104-274-11 POLYSTYRENE 47PF 10% 4000 FA7ES A401 1-104-274-11 POLYSTYRENE 47PF 10% 50V FA7ES A401 1-104-274-11 POLYSTYRENE 47PF 10% 400 FA7ES A401 1-104-274-11 POLYSTYRENE 47PF 10% 400 FA7ES A401 1-104-274-11 POLYSTYRENE 47PF 10% 400 FA7ES A401 1-104-274-11 POLYSTYRENE 47PF 10%	RY106	1-755-060-11	RELAY				^							
RY108 1-755-060-11 RELAY C257 1-124-292-11 ELECT 22uF 20X 63V FA5ES RY109 1-755-060-11 RELAY C257 1-110-390-11 ELECT 22uF 20X 63V FA5ES RY110 1-755-060-11 RELAY C401 1-104-274-11 POLYSTYRENE 47PF 10X 400V FA5ES A00														
RY109 1-755-060-11 RELAY C257 1-110-390-11 ELECT 22uF 20% 63V (FA7ES)														
RY110 1-755-060-11 RELAY														
RY111 1-755-060-11 RELAY C401 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FAZES) C402 1-136-810-11 FILM 200P S% 100V C405 1-126-025-11 ELECT 330uF 20% 25V C406 1-126-025-11 ELECT 330uF 20% 25V C406 C405 C406														(**************************************
C402								C401	1-104-274-11	POLYSTYR	ENE 47PF	10%	50V	(FASES)
C405	RY111	1-755-060-11	RELAY					C401	1-104-322-11	POLYSTYR	ENE 47PF	10%	400V	(FA7ES)
C406 1-126-025-11 ELECT 330uF 20% 25V								C402	1-136-810-11	FILM	220PF	5%	100V	
S101 1-570-076-11 SWITCH, SLIDE (REMOTE TYPE) (REC OUT SELECTOR) (< SWITCH >					C405	1-126-025-11	ELECT	330uF	20%	25V	
C408							1	C406	1-126-025-11	ELECT	330uF	20%	25V	
C409 1-110-512-11 FILM 1uF 10% 50V (FA7ES) C410 1-104-274-11 POLYSTYRENE 47PF 10% 400V (FA7ES) C410 1-104-322-11 POLYSTYRENE 47PF 10% 400V C47ES C410 1-104-322-11 POLYSTYRENE 47PF 10% 63V C410	S101	1-570-076-11	SWITCH, SLIDE ((REMOTE	TYPE)									
C410							R)		1-110-390-11	ELECT	22uF	20%	63A	
C410	S102	1-762-181-11	SWITCH, SLIDE ((AUX IN	PUT) (F.	A7ES)						10%		
C411 1-126-025-11 ELECT 330uF 20% 25V **********************************			7611 <u>212 (40000-0</u> 818)											
* YB101 4-946-336-01 BRACKET (GROUND) ***********************************			< BRACKET >											(FA7ES)
C412 1-126-025-11 ELECT 330uF 20% 25V C413 1-110-390-11 ELECT 22uF 20% 63V C418 1-110-397-11 ELECT 1000uF 20% 63V C419 1-110-397-11 ELECT 1000uF 20% 63V C425 1-128-474-11 ELECT 1000uF 20% 63V C425 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) C451 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) C452 1-136-810-11 FILM 220PF 5% 100V C452 1-136-810-11 FILM 220PF 5% 100V C453 1-126-025-11 ELECT 330uF 20% 25V C458 1-110-390-11 ELECT 330uF 20% 25V C458 1-110-390-11 ELECT 22uF 20% 63V C459 1-104-322-11 POLYSTYRENE 47PF 10% 50V (FA7ES) C460 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA7ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 50V (FA5ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) C460 1-104-322	VELOI		DDLAVET (CDOUNT					C411	1-126-025-11	ELECT	330uF	20%	25V	
**************************************			크림 중시 시간에 가지는 이렇게 되어야 했다. 뭐					0410	1 100 005 11	FLECT	220 5	nnav	050	
* 1-655-361-21 JUMPER BOARD (FA5ES) * 1-655-361-21 JUMPER BOARD (FA7ES) ***********************************	*****		*****	*****	*****	*********	3							
* 1-655-361-21 JUMPER BOARD (FA7ES)		1-655-361-11	HIMPER ROARD (F	ASEC)										
C425 1-128-474-11 ELECT 1000uF 20% 63V C0NNECTOR > C426 1-128-474-11 ELECT 1000uF 20% 63V C451 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) CNP101 1-560-531-11 PIN, CONNECTOR 5P CNP102 1-560-532-00 PIN, CONNECTOR 7P CNP103 1-506-509-11 PIN, CONNECTOR 4P (FA7ES) CNP104 1-560-532-00 PIN, CONNECTOR 7P CNP104 1-560-532-00 PIN, CONNECTOR 7P CNP104 1-560-532-00 PIN, CONNECTOR 7P C452 1-136-810-11 FILM 220PF 5% 100V CNP104 1-560-532-00 PIN, CONNECTOR 7P C455 1-126-025-11 ELECT 330uF 20% 25V C458 1-110-390-11 ELECT 22uF 20% 63V C458 1-110-390-11 ELECT 22uF 20% 63V C459 1-110-512-11 FILM 1uF 10% 50V (FA7ES) A-4378-507-A MAIN. A BOARD, COMPLETE (FA5ES) A-4378-519-A MAIN. A BOARD, COMPLETE (FA7ES) C460 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES)														
C426 1-128-474-11 ELECT 1000uF 20% 63V C451 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) + CNP101 1-560-531-11 PIN, CONNECTOR 5P C451 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) + CNP102 1-560-532-00 PIN, CONNECTOR 7P C452 1-136-810-11 FILM 220PF 5% 100V C455 1-126-025-11 ELECT 330uF 20% 25V C451 1-104-322-11 POLYSTYRENE 47PF 10% 63V C455 1-126-025-11 ELECT 330uF 20% 25V C458 1-110-390-11 ELECT 22uF 20% 63V C458 1-110-390-11 ELECT 22uF 20% 63V C458 1-110-390-11 ELECT 22uF 20% 63V C459 1-110-512-11 FILM 1uF 10% 50V (FA7ES) + A-4378-507-A MAIN, A BOARD, COMPLETE (FA5ES) C460 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 50V (FA5ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) + 1-535-730-21 LEAD, JUMPER (OFC) C461 1-126-025-11 ELECT 330uF 20% 25V		1 000 001 21		H/LU/										
C451 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) + CNP101 1-560-531-11 PIN, CONNECTOR 5P + CNP102 1-560-532-00 PIN, CONNECTOR 7P + CNP103 1-506-509-11 PIN, CONNECTOR 4P (FA7ES) + CNP104 1-560-532-00 PIN, CONNECTOR 7P								0120	1 120 111 11	LLLOI	100001	204	031	
C451 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) + CNP101 1-560-531-11 PIN, CONNECTOR 5P + CNP102 1-560-532-00 PIN, CONNECTOR 7P + CNP103 1-506-509-11 PIN, CONNECTOR 4P (FA7ES) + CNP104 1-560-532-00 PIN, CONNECTOR 7P			< CONNECTOR >					C426	1-128-474-11	ELECT	1000uF	20%	63V	
+ CNP101 1-560-531-11 PIN, CONNECTOR 5P + CNP102 1-560-532-00 PIN, CONNECTOR 7P + CNP103 1-506-509-11 PIN, CONNECTOR 4P (FA7ES) + CNP104 1-560-532-00 PIN, CONNECTOR 4P (FA7ES) + CNP104 1-560-532-00 PIN, CONNECTOR 7P +************************************			· · · · · · · · · · · · · · · · · · ·											(FASES)
* CNP102 1-560-532-00 PIN, CONNECTOR 7P * CNP103 1-506-509-11 PIN, CONNECTOR 4P (FA7ES) * CNP104 1-560-532-00 PIN, CONNECTOR 7P ***********************************	* CNP101	1-560-531-11	PIN. CONNECTOR	5P			4							
* CNP103 1-506-509-11 PIN, CONNECTOR 4P (FA7ES) * CNP104 1-560-532-00 PIN, CONNECTOR 7P ***********************************														,
**************************************	* CNP103	1-506-509-11	PIN, CONNECTOR	4P (FA	(ES)			C455	1-126-025-11	ELECT			25V	
* A-4378-507-A MAIN. A BOARD. COMPLETE (FA5ES) * A-4378-519-A MAIN. A BOARD. COMPLETE (FA7ES) * A-4378-519-A MAIN. A BOARD. COMPLETE (FA7ES) * T-535-730-21 LEAD, JUMPER (OFC) * C458 1-110-390-11 ELECT 22uF 20% 63V C459 1-110-512-11 FILM 1uF 10% 50V (FA7ES) C460 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES)	* CNP104	1-560-532-00	PIN, CONNECTOR	7P										
* A-4378-507-A MAIN. A BOARD, COMPLETE (FASES) * A-4378-519-A MAIN. A BOARD, COMPLETE (FASES) * C459 1-110-512-11 FILM 1uf 10% 50V (FASES) * C460 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FASES) * C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FASES) * 1-535-730-21 LEAD, JUMPER (OFC) * C461 1-126-025-11 ELECT 330uf 20% 25V	*******	**********	***********	*****	*****	********		C456	1-126-025-11	ELECT	330uF	20%	25V	
* A-4378-519-A MAIN. A BOARD, COMPLETE (FA7ES) C460 1-104-274-11 POLYSTYRENE 47PF 10% 50V (FA5ES) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) * 1-535-730-21 LEAD, JUMPER (OFC) C461 1-126-025-11 ELECT 330uF 20% 25V								C458	1-110-390-11	ELECT	22uF	20%	63V	
* 1-535-730-21 LEAD, JUMPER (OFC) C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES) * C460 1-104-322-11 POLYSTYRENE 47PF 10% 400V (FA7ES)	*	A-4378-507-A	MAIN. A BOARD, C	OMPLET	(FA51	ES)		C459	1-110-512-11	FILM	1uF	10%	50V	(FA7ES)
* 1-535-730-21 LEAD, JUMPER (OFC) C461 1-126-025-11 ELECT 330uF 20% 25V	4	A-4378-519-A	MAIN. A BOARD, C	OMPLET	(FA71	ES)		C460	1-104-274-11	POLYSTYRI	ENE 47PF	10%		
[18] [18] [18] [18] [18] [18] [18] [18]			***********	*****				C460	1-104-322-11	POLYSTYRI	ENE 47PF	10%	400V	(FA7ES)
[18] [18] [18] [18] [18] [18] [18] [18]		M1502 20048	Vis Marc 1											
C462 1-126-025-11 ELECT 330uF 20% 25V	*	1-535-730-21	LEAD, JUMPER (O	FC)										
							- 1	C462	1-126-025-11	ELECT	330uF	20%	25V	

MAIN. A

C468	Ref. No.	Part No.	Description		Remark	Ref. No.	Part No.	Description			Remark
C469	C463	1-110-390-11	ELECT 22uF	20%	63V	0204	8-729-202-67	TRANSISTOR	2SK246-GF	3	1 10 10 100
CALCAD 1-10-397-11 ELECT 1000-0F 20% 53V 20% 1-22 - 474-11 ELECT 1000-0F 20% 53V 22% 3-729-217-04 TRANSISTOR 25K170-V (FASTS) 25K170-V											
C475 1-128-474-11 ELECT 1800wF 20% 53V 252 3-729-214-71 TRANSISTOR 28K147-GR (FA7ES)						100000000000000000000000000000000000000)
C476	0100	1 110 000 11	EBEUT TOUGH	200	337						
CONNECTION CON	C475	1_198_474_11	FLECT 1000uF	20%	630						
CONNECTOR CONN						Q232	0 723 217 01	TRANSISTOR	LUMITO 4	(I NOLO,	
CONNECTOR CONN	0470	1-120-4/4-11	ELECT TOUGH	20%	034	0252	0 720 214 71	TRANCICTOR	20V147_CE	(EATEC	\r.
CX201 1-565-483-11 CONNECTOR BOARD TO BOARD 7P			CONNECTOR >			1.7					<i>(</i> *)
CAMON 1-565-483-11 CONNECTOR BARBO 70 BOARD 79 Q401 3-729-203-21 TRANSISTOR 25C1815-BL			CONNECTOR >			1950					
CALCAD 1-564-506-11 PLUG (CONNECTOR) 3P	ONDO	1 505 100 11	CONNECTOR DOLDS TO	DOLDD 5	D.						
CM01				BUARD /	r	1957 155 155					
CM403				(D) 4D		Q401	8-729-203-21	TRANSTSTOR	22K389-CH		
CH404						0.400		TD. 110 1 0 TOD			
CR404 1-564-510-11 PLUG (MICRO CONNECTOR) GP						1.00					
CAMON 1-564-510-11 PLUG (MICRO CONNECTOR) 6P Q406 8-729-018-21 TRANSISTOR 2SA1383 Q CAMON Q407 8-729-202-57 TRANSISTOR 2SA1383 Q CAMON Q407 8-729-202-57 TRANSISTOR 2SA246-GR3 Q407 8-729-202-57 TRANSISTOR 2SC3514-Q Q408 8-729-104-18 TRANSISTOR 2SC3514-Q Q409 8-729-104-18 TRANSISTOR 2SC3514-Q Q409 8-729-202-57 TRANSISTOR 2SC3514-Q Q409 R-729-202-57 TRANSISTOR 2SC3514-Q Q409 R-729-202-57 TRANSISTOR 2SC3514-Q Q409 R-729-202-57 TRANSISTOR 2SC3514-Q Q409 R-729-203-21 TRANSISTOR 2SC34349-GR3 Q450 R-729-203-21 TRANSISTOR 2SC34349-GR3 Q450 R-729-203-21 TRANSISTOR 2SC34349-GR3 Q450 R-729-203-21 TRANSISTOR 2SC3434-GR3 Q450 R-729-203-21 TRANSISTOR 2SC3434-GR3 Q450 R-729-203-21 TRANSISTOR 2SC3434-GR3 Q450 R-729-203-27 TRANSISTOR 2SC3434-GR3 Q450 R-729-203-27 TRANSISTOR 2SC3514-Q Q450 R-729-203-27 TRANSI	CN403	1-691-766-21	PLUG (MICRO CONNECTO	IK) 4P		700					
Q406 8 - 729 - 104 91 TRANSISTOR 28A1383 - Q										RBL	
No. No.	CN404	1-564-510-11	PLUG (MICRO CONNECTO	(R) 6P		24753.07					
D401						Q406	8 729 104 91	TRANSISTOR	2SA1383-Q)	
Def 8-719-937-41 DIODE MZS6C3L			< DIODE >			0407	0 700 000 07	TO LUCY CTOD	0011040 01		
Delug Ref.											
Delta Ref Re										1.	
Def										3	
D403 8-719-200-02 D10DE D10E2 CFATES	D402		시간 경화적인 시장였습니다			Q410	8-729-202-67	TRANSISTOR			
Q412 8-729-202-67 TRANSISTOR 25K246-GR3 Q418 8-719-987-63 D10DE 10E2 (FA7ES) Q451 8-729-203-21 TRANSISTOR 25K286-GR Q419 8-719-987-63 D10DE 10E2 (FA7ES) Q453 8-729-281-54 TRANSISTOR 25K286-GR Q419 8-719-987-63 D10DE 10E2 (FA7ES) Q454 8-729-232-00 TRANSISTOR 25K1815-BL Q419 8-719-987-63 D10DE 10E2 (FA7ES) Q454 8-729-232-00 TRANSISTOR 25K1815-BL Q420 8-719-200-02 D10DE D10E2 (FA7ES) Q456 8-729-232-00 TRANSISTOR 25K1349-GRBL Q450 8-729-232-00 TRANSISTOR 25K1349-GRBL Q450 8-729-108-21 TRANSISTOR 25K246-GR3 Q450 8-729-202-67 TRANSISTOR 25	D403	8-719-987-63				Q411	8-729-202-67	TRANSISTOR	2SK246-GR	13	
D418	D403	8-719-200-02	DIODE 10E2 (FA7	ES)							
D418						Q412	8-729-202-67	TRANSISTOR	2SK246-GR	3	
D419	D418	8-719-987-63	DIODE 1N4148M (FA5	ES)		Q451	8-729-203-21	TRANSISTOR	2SK389-GR	l)	
D419	D418	8-719-200-02	DIODE 10E2 (FA7	ES)		Q452	8-729-281-54	TRANSISTOR	2SC1815-B	L	
D420	D419	8-719-987-63	DIODE 1N4148M (FA5	ES)	· ±	Q453	8-729-281-54	TRANSISTOR	2SC1815-B	L	
D420	D419	8-719-200-02	DIODE 10E2 (FA7	ES)		Q454	8-729-232-00	TRANSISTOR	2SA1349-G	RBL	
D420	D420	8-719-987-63	DIODE 1N4148M (FA5	ES)	,						
D451 8-719-933-41 D10DE HZS6C3L D452 8-719-937-63 D10DE D10DE						Q455	8-729-018-21	TRANSISTOR	2SJ313-Y		
D452 8-719-987-63 D10DE 1N4148M (FA5ES) Q458 8-729-104-18 TRANSISTOR 2SC3514-Q Q459 8-729-104-18 TRANSISTOR 2SC3514-Q Q459 8-729-104-18 TRANSISTOR 2SC3514-Q Q459 8-729-104-18 TRANSISTOR 2SC3514-Q Q459 8-729-202-67 TRANSISTOR Z5C3514-Q Q459 R219-202-67 TRANSISTO	D420	8-719-200-02	DIODE 10E2 (FA7	ES)		Q456	8-729-104-91	TRANSISTOR	2SA1383-Q		
D452 8-719-200-02 D10DE 10E2 (FA7ES) Q459 8-729-104-18 TRANSISTOR 2SC3514-Q	D451	8-719-933-41	DIODE HZS6C3L			Q457	8-729-202-67	TRANSISTOR	2SK246-GR	3	
D453 8-719-987-63 D10DE 1N4148M (FA5ES) Q460 8-729-202-67 TRANSISTOR 2SK246-GR3 Q461 8-729-202-67 TRANSISTOR 2SK246-GR3 Q461 8-729-202-67 TRANSISTOR 2SK246-GR3 Q462 8-729-202-67 TRANSISTOR 2SK246-GR3 Q463 8-719-987-63 D10DE D10E2 D10E2	D452	8-719-987-63	DIODE 1N4148M (FA5	ES)		Q458	8-729-104-18	TRANSISTOR	2SC3514-Q		
D453 8-719-200-02 D10DE 10E2 (FA7ES) Q461 8-729-202-67 TRANSISTOR 2SK246-GR3	D452	8-719-200-02	DIODE 10E2 (FA7	ES)		Q459	8-729-104-18	TRANSISTOR	2SC3514-Q		
D453 8-719-200-02 D10DE 10E2 (FA7ES) Q461 8-729-202-67 TRANSISTOR 2SK246-GR3	D453	8-719-987-63	DIODE 1N4148M (FA5	ES)							
D468 8-719-987-63 D10DE 1N4148M (FA5ES) D469 8-719-987-63 D10DE 10E2 (FA7ES)						Q460	8-729-202-67	TRANS1STOR	2SK246-GP	3	
D468	D453	8-719-200-02	DIODE 10E2 (FA7	ES)		Q461	8-729-202-67	TRANSISTOR	2SK246-GP	3	
D469	D468	8-719-987-63	DIODE 1N4148M (FA5	ES)		Q462	8-729-202-67	TRANSISTOR	2SK246-GP	3	
D469	D468	8-719-200-02	DIODE 10E2 (FA7	ES)							
D469 8-719-200-02 D10DE 10E2 (FA7ES) R201 1-249-911-11 CARBON 330 5% 1/4W	D469	8-719-987-63	DIODE 1N4148M (FA5	ES)				< RESISTOR >			
R201 1-249-911-11 CARBON 330 5% 1/4W					-						
D470 8-719-200-02 D10DE 10E2 (FA7ES) R203 1-259-207-21 CARBON 47K 5% 1/4W R204 1-249-919-11 CARBON 680 5% 1/4W R205 1-249-919-11 CARBON 680 5% 1/4W R205 1-249-919-11 CARBON 680 5% 1/4W R205 1-249-919-11 CARBON 680 5% 1/4W R206 R207 R208 R207 R208 R208 R209-1259-143-21 CARBON 100 5% 1/4W R208 R209-1259-143-21 CARBON 100 5% 1/4W R208 R209-1259-143-21 CARBON 100 5% 1/4W R209 R209-1259-143-21 CARBON 100 5% 1/4W R210 R209-1259-143-21 CARBON R210 R209-1249-485-11 CARBON R209-12			15446 May 1546 MAY 1	2000		R201	1-249-911-11	CARBON	330	5% 1,	/4W
D470 8-719-200-02 D10DE 10E2 (FA7ES) R203 1-259-207-21 CARBON 47K 5% 1/4W R204 1-249-919-11 CARBON 680 5% 1/4W R205 1-249-919-11 CARBON 680 5% 1/4W R205 1-249-919-11 CARBON 680 5% 1/4W R205 1-249-919-11 CARBON 680 5% 1/4W R206 R207 R208 R207 R208 R208 R209-1259-143-21 CARBON 100 5% 1/4W R208 R209-1259-143-21 CARBON 100 5% 1/4W R208 R209-1259-143-21 CARBON 100 5% 1/4W R209 R209-1259-143-21 CARBON 100 5% 1/4W R210 R209-1259-143-21 CARBON R210 R209-1249-485-11 CARBON R209-12	D470	8-719-987-63	DIODE 1N4148M (FAS	ES)			1-259-143-21	CARBON			
R204 1-249-919-11 CARBON 680 5% 1/4W						R203	1-259-207-21	CARBON	47K	5% 1	/4W
R205 1-249-919-11 CARBON 680 5% 1/4W			urrann serann von				1-249-919-11	CARBON			
R201 8-759-701-25 IC NJM2068D-D (FA5ES) R206 1-249-939-11 CARBON 4.7K 5% 1/4W			< IC >								
R201 8-759-259-12 IC OPA2604AP (FA7ES) R207 1-259-143-21 CARBON 100 5% 1/4W R208 1-249-915-11 CARBON 470 5% 1/4W R208 1-259-143-21 CARBON 100 5% 1/4W R209 1-259-143-21 CARBON 100 5% 1/4W R210 1-249-485-11 CARBON 8. 2 5% 1/3W R210 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R211 1-249-887-11 CARBON 33 5% 1/4W R202 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R211 1-259-151-21 CARBON 220 5% 1/4W R202 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R213 1-259-151-21 CARBON 220 5% 1/4W R213 1-259-			7 (8) (8) (8)			1107.1141		ener manya.	77.77		0,747
R207 1-259-143-21 CARBON 100 5% 1/4W R208 1-249-915-11 CARBON 470 5% 1/4W R208 1-249-915-11 CARBON 470 5% 1/4W R208 1-259-143-21 CARBON 100 5% 1/4W R209 1-259-143-21 CARBON 100 5% 1/4W R210 1-249-485-11 CARBON 8. 2 5% 1/3W R210 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R211 1-249-887-11 CARBON 33 5% 1/4W R202 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R211 1-259-151-21 CARBON 220 5% 1/4W R202 8-729-214-71 TRANSISTOR 2SK170-V (FA5ES) R212 1-259-151-21 CARBON 220 5% 1/4W R202 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R213 1-259-151-21 CARBON 220 5% 1/4W R203	IC201	8-759-701-25	IC NJM2068D-D (FA5	ES)		R206	1-249-939-11	CARBON	4. 7K	5% 1/	/4W
R208 1-249-915-11 CARBON 470 5% 1/4W CTRANSISTOR > R209 1-259-143-21 CARBON 100 5% 1/4W R210 1-249-485-11 CARBON 8. 2 5% 1/3W R201 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R201 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R211 1-249-887-11 CARBON 33 5% 1/4W R202 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R212 1-259-151-21 CARBON 220 5% 1/4W R203 1-249-915-11 CARBON 3. 2 5% 1/4W R204 1-249-887-11 CARBON 33 5% 1/4W R205 1-249-887-11 CARBON 33 5% 1/4W R207 1-249-887-11 CARBON 33 5% 1/4W R208 1-259-151-21 CARBON 220 5% 1/4W			이 하는데 그 없었다. 하는데 하는데 하나 다른데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는								
CTRANSISTOR > R209 1-259-143-21 CARBON 100 5% 1/4W R201 1-249-485-11 CARBON 8. 2 5% 1/3W R201 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R211 1-249-887-11 CARBON 33 5% 1/4W R202 8-729-217-04 TRANSISTOR 2SK147-GR (FA7ES) R211 1-249-887-11 CARBON 33 5% 1/4W R203 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R212 1-259-151-21 CARBON 220 5% 1/4W R204 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R213 1-259-151-21 CARBON 220 5% 1/4W	10001	J . 00 200 12									
R210 1-249-485-11 CARBON 8. 2 5% 1/3W Q201 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) Q201 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) Q202 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) Q202 8-729-214-71 TRANSISTOR 2SK170-V (FA5ES) Q202 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R210 1-249-485-11 CARBON 8. 2 5% 1/3W R211 1-249-887-11 CARBON 33 5% 1/4W R212 1-259-151-21 CARBON 220 5% 1/4W R213 1-259-151-21 CARBON 220 5% 1/4W			< TRANSISTOR >								
Q201 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) Q201 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R211 1-249-887-11 CARBON 33 5% 1/4W Q202 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R212 1-259-151-21 CARBON 220 5% 1/4W Q202 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R213 1-259-151-21 CARBON 220 5% 1/4W			TRIMOTOTOR /								
Q201 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R211 1-249-887-11 CARBON 33 5% 1/4W Q202 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R212 1-259-151-21 CARBON 220 5% 1/4W Q202 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R213 1-259-151-21 CARBON 220 5% 1/4W	0201	8-729-217-04	TRANSISTOR 25K170-	V (FAS	ES)	16210	1 245 405 11	VIIIDON	U. L	U.U 17	UII
Q202 8-729-217-04 TRANSISTOR 2SK170-V (FA5ES) R212 1-259-151-21 CARBON 220 5% 1/4W Q202 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R213 1-259-151-21 CARBON 220 5% 1/4W					2.0	R211	1-249-887-11	CARBON	33	5% 1	/4W
Q202 8-729-214-71 TRANSISTOR 2SK147-GR (FA7ES) R213 1-259-151-21 CARBON 220 5% 1/4W											
					50						
Q203 0-123-203-43 IMMOISIUM 2503425-0 RZ14 1-124-333-11 UMDUM IM 3% 1/4W	17.16441.				LO)						
	Q203	0-129-203-43	11MH31310R 2303423	U		11214	1 174 333-11	VARDON	TM	JA 1/	7.11

MAIN. A MAIN B-L

R215 1-249-84-11 CABBON	Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R216 1-249-818-11 CABBON	R215	1-249-844-11	CARBON	56K	1%	1/2W	R455	1-249-931-11	CARBON	2. 2K	5%	1/4W
R271 1-239-151-21 CABBON 220 32 1/4W R653 1-239-151-21 CABBON 220 32 1/4W R652 1-239-151-21 CABBON 220 32 1/4W R653 1-239-151-21 CABBON 1/4W R654 1-239-151-21 CABBON 1/4W R655 1-249-191-11 CABBON 600 52 1/4W R655 1-249-191-11 CABBON 600 52 1/4W R655 1-249-191-11 CABBON 600 52 1/4W R655 1-249-191-11 CABBON 1/4W R656 1-249-191-11 CABBON 1/4W R666 1-249-191-11 CABBON							R456			6. 8K	5%	1/4W
R252 1-249-911-11 (ABBON 39) 5% 1/4% R450 1-259-151-21 (ABBON 22) 5% 1/4% R450 1-259-151-21 (ABBON 1% 5% 1/4% R450 1-259-151-21 (ABBON 100 5% 1/4% R450 1-249-161-11 (ABBON 1.5% 5% 1/4% R450 1-249-161-11 (ABBON 2.20 5% 1/4							R457	1-259-151-21	CARBON	220	5%	1/4W
R252 1-259-141-21 CABBON								0 0220020 86	(2000) 6			
R252							85,758,37					
R254 1-249 919-11 CABRON 680 5x 1/49 R365 1-249 919-11 CABRON 680 5x 1/49 R255 1-249 919-11 CABRON 680 5x 1/49 R256 1-249 919-11 CABRON 680 5x 1/49 R256 1-249 919-11 CABRON 100 5x 1/49 R365 1-249 919-12 CABRON 100							8.0449					T. 344
1-249 - 919 - 11 CABRON 680 58 1/4W 263 1-249 - 919 - 11 CABRON 680 58 1/4W 863 1-249 - 912 - 11 CABRON 4 / 78 58 1/4W 863 1-249 - 912 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 865 1-249 - 915 - 11 CABRON 1.58 58 1/4W 869 1-249 - 915 - 12 CABRON 2.20 58 1/4W 869 1-249 - 915 - 11 CABRON 1.58 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 4 / 78 58 1/4W 869 1-249 - 915 - 11 CABRON 5 68 18 1/2W 8/ 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2W 8/ 8/ 9 1-219 - 922 - 11 FUSIBLE 100 58 1/2	KZ53	1-259-207-21	CARBON	47K	5%	1/4W	10000000					
R255 1-249-939-11 CABBON	DOE 4	1 040 010 11	CARRON	0.00	Fee:	4 /400						
R255							/I\R462	1-219-193-11	FUSIBLE	220	5%	1/2W F
R255 1-259-143-21 CARBON							DACO	1 040 040 11	CADDON	4717	En.	4 1000
R655 1-249-915-11 CARBON							2000					
R259							\$ 300 mm					
R259 1-259-143-21 CABBON 100 5% 1/4W R407 1-249-234-11 CABBON 10K 5% 1/3W R250 1-244-887-11 CABBON 220 5% 1/4W R409 1-249-970-0METAL 1M 1% 1/2W R263 1-259-151-21 CABBON 220 5% 1/4W R409 1-259-171-21 CABBON 1.5K 5% 1/4W R470 1-259-151-21 CABBON 4.7K 3% 1/2W F R470 1-259-151-21 CABBON 4.7K 3% 1/2W F R470 1-259-151-21 CABBON 4.7K 3% 1/4W R470 1-259-151-21 CABBON 4.7K 3% 1/4W R470 1-259-151-21 CABBON 2.7K 5% 1/4W R470 1-259-151-21 CABBON 4.7K 5% 1/4W R470 1-299-151-21 CABBON 4.7K 5% 1/4W R470 1-299-151-21 CABBON 4.7K 5% 1/4W R470 1-299-151-21 CABBON 1.5K 5% 1/4W R470 1-299-151-21 CABBON 4.7K 5% 1/4W R470 1-299-151-21 CABBON 4.7K 5% 1/4W R470 1-299-151-21 CABBON 4.7K 5% 1/4W 1-655-074-11 Main B-L BOAND (FA7ES) 1-249-249-11 FUSIBLE 100 5% 1/2W 1-259-151-21 CABBON 4.7K 5% 1/4W 1-259-151-21 CABBON 4.7K 5%	11230	1 243 313 11	CARDON	470	3.6	1/4#	1 735.75					
R260 1 - 249 - 485 - 11 CABBON	R259	1-259-143-21	CARRON	100	58	1 //W	100000					
R261 1-249-887-11 CABBON 220 33 5% 1/4W							11407	1 243 234 11	CARDON	1011	3.6	1/3#
R262 1-29-151-21 CARBON 220 5% 1/4W R470 1-29-17-21 CARBON 1.5 K 1/4W 1-29-17-21 CARBON 1.5 K 1/4W 1.2 K 1.6 K 1.2 K 1.6 K 1.6 K 1.6 K 1/4W 1.2 K 1.6 K 1.6 K 1.6 K 1.6 K 1/4W 1.2 K 1.6 K						V7512000	R468	1-249-234-11	CARRON	10K	58	1 /3W
R263 1-259-151-21 CARBON 220 5x 1/4W R470 1-259-171-21 CARBON 4.7K 5x 1/4W R470 1-249-339-11 CARBON 4.7K 5x 1/4W R471 1-249-339-11 CARBON 4.7K 5x 1/2W F R265 1-249-388-11 CARBON 4.7K 1/2W F R265 1-249-388-11 CARBON 4.7K 1/2W R495 1-219-022-11 FUSIBLE 100 5x 1/2W F R401 1-249-337-00 METAL 1M 1x 1/2W R402 1-249-210-11 CARBON 22 5x 1/4W S201 1-572-642-11 SWITCH PUSH (1 KEY) (CARTRILOED) R403 1-249-683-11 CARBON 2.2K 5x 1/4W R406 1-249-631-11 CARBON 2.2K 5x 1/4W R406 1-249-643-11 CARBON 2.2K 5x 1/4W R406 1-259-151-21 CARBON 2.2D 5x 1/4W R408 1-259-151-21 CARBON 2.2D 5x 1/4W C516 1-137-163-11 FILM 0.330F 10x 53V C517 1-137-163-11 FILM 0.330F 10x 53V C517 1-37-163-11 FILM 0.330F 10						7.5	l .					
R264 1-124-995-11 CABBON	R263					20.0000	300000					
## Ref												
Re55 1-249-844-11 CABBON 56K 15 1/2W	R264	1-124-995-11	CARBON	1 M	5%	1/4W	ÆR472					
R401 1-214-937-00 METAL 1M 13 1/2W	R265	1-249-844-11	CARBON	56K	1%	1/2W	14 75					1.0
R401 1-214-937-00 METAL	R266	1-249-818-11	CARBON	4.7K	1%	1/2W	ÆR494	1-219-022-11	FUSIBLE	100	5%	1/2W F
R402 1-249-210-11 CABBON	R267	1-259-151-21	CARBON	220	5%	1/4W	⚠R495	1-219-022-11	FUSIBLE	100	5%	1/2W F
B402 1-249-210-11 CABBON 1K 5x 1/3W	R401	1-214-937-00	METAL	1M	1%	1/2W						
B403									< SWITCH >			
R404 1-249-883-11 CARBON 22 5% 1/4W	R402	1-249-210-11	CARBON	1K	5%	1/3W						
R405	R403	1-249-883-11	CARBON	22	5%	1/4W	S201	1-572-642-11	SWITCH, PUSH (1	KEY) (CARTRII	OGE)
### 1-249-943-11 CARBON	R404	1-249-883-11	CARBON	22	5%	1/4W	******	*****	*******	*****	+++++	*****
* 1-655-074-21 MAIN B-L BOARD (FATES) *** *** *** *** *** *** ***				2. 2K	5%	275223						
R407 1-259-151-21 CARBON 220 5% 1/4W R408 1-259-151-21 CARBON 220 5% 1/4W R409 1-259-151-21 CARBON 220 5% 1/4W CAPACITOR > R410 1-259-207-21 CARBON 47K 5% 1/4W C516 1-137-163-11 FILM 0.33uF 10% 63V C517 1-137-163-11 FILM 0.33uF 20% 63V (FA5ES) R414 1-249-842-11 CARBON 1.5K 5% 1/4W C520 1-110-391-11 ELECT 33uF 20% 63V (FA7ES) R414 1-249-939-11 CARBON 1.5K 5% 1/4W C570 1-110-391-11 ELECT 33uF 20% 63V (FA7ES) R415 1-249-186-11 CARBON 10K 5% 1/3W CCONNECTOR > R417 1-249-234-11 CARBON 10K 5% 1/3W + CN501 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-234-11 CARBON 10K 5% 1/3W + CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 4.7K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 4.7K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 4.7K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 4.7K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 4.7K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 10K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 10K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 10K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 10K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P CN502 1-249-393-11 CARBON 10K 5% 1/4W CN502 1-249-393-11 CARBON 10K 5% 1/4W CN502 1-249-393-11 CARBON 10K 5% 1/4W CN502 1-249-303-11 CARBON 10K 5% 1/4W CN502 1-249-303-10 CARBON 10K 5% 1/4W CN502 1-249-303-10	R406	1-249-943-11	CARBON	6. 8K	5%	1/4W	*	1-655-074-11	MAIN B-L BOARD	(FASES))	
R408							*	1-655-074-21		(FA7ES))	
R409						3.5°3.8			**********			
### R410						222.6%						
R411 1-259-167-21 CARBON						\$1.755A			< CAPACITOR >			
## A						73/07/27	0510	1 102 100 11			1.00	
ÆR412 1-219-193-11 FUSIBLE 220 5% 1/2W F C520 1-124-920-11 EECT 330uF 20% 63V (FA5ES) R413 1-249-842-11 CARBON 47K 5% 1/2W C520 1-110-391-11 ELECT 33uF 20% 63V (FA7ES) R414 1-259-171-21 CARBON 18K 5% 1/4W C570 1-110-391-11 ELECT 33uF 20% 63V (FA7ES) R415 1-249-939-11 CARBON 18K 5% 1/4W C570 1-110-391-11 ELECT 33uF 20% 63V (FA7ES) R416 1-249-186-11 CARBON 10K 5% 1/3W CN501 1-564-506-11 PLUG, CONNECTOR 3P R417 1-249-234-11 CARBON 10K 5% 1/3W + CN502 1-564-506-11 PLUG, CONNECTOR 3P R419 1-214-937-00 METAL 1M 1% 1/2W CN503 1-766-897-21 PIN, CONNECTOR 4P R422 1-219-022-11 FUSIBLE 100 5% 1/2W F D506 8-719	n411	1-259-107-21	CARDON	11/	3.9	1/4W						
R413 1-249-842-11 CARBON	A R412	1-210-103-11	FUSIRLE	220	5%	1.79W F						
R414 1-259-171-21 CARBON 1.5K 5% 1/4W C570 1-110-391-11 ELECT 33uF 20% 63V (FAYES) R415 1-249-953-11 CARBON 18K 5% 1/4W CONNECTOR > R417 1-249-234-11 CARBON 10K 5% 1/3W CONNECTOR > R418 1-249-234-11 CARBON 10K 5% 1/3W + CN501 1-564-506-11 PLUG, CONNECTOR 3P + CN502 1-564-506-11 PLUG, CONNECTOR 3P + CN502 1-259-171-21 CARBON 1.5K 5% 1/4W CN502 1-564-506-11 PLUG, CONNECTOR 3P + CN502 1-259-171-21 CARBON 1.5K 5% 1/4W CN503 1-766-897-21 PIN, CONNECTOR (PC BOARD) 4P + CN502 1-269-939-11 CARBON 4.7K 5% 1/4W CN503 1-766-897-21 PIN, CONNECTOR (PC BOARD) 4P + CN502 1-219-022-11 FUSIBLE 100 5% 1/2W F D506 8-719-987-63 DIODE 1N4148M D506 8-719-985-53 DIODE HZS4ALL D507 8-719-310-60 LED SEL1510C-C PS07 8-719-310-60 LED SEL1510C-C PS07 8-719-985-53 DIODE HZS4ALL D511 8 719 987 63 DIODE 1N4140N PS07 PS07 8-719-985-53 DIODE HZS4ALL PS07 PS08-51 PS08-51 PS09 PS09 PS09 PS09 PS09 PS09 PS09 PS09						Charles and						
R415 1-249-953-11 CARBON 18K 5% 1/4W					20.0	4.773.00						
R416 1 - 249 - 186 - 11 CARBON 100 5% 1/3W	400 000					33/33/32	0370	1 110 331 11	LLLOI 33di		20.0	UJV (IA/LJ)
R417 1-249-234-11 CARBON 10K 5% 1/3W + CN501 1-564-506-11 PLUG, CONNECTOR 3P + CN502 1-259-171-21 CARBON 1.5K 5% 1/4W									< CONNECTOR >			
R418 1-249-234-11 CARBON 10K 5% 1/3W + CN502 1-564-506-11 PLUG, CONNECTOR 3P R419 1-214-937-00 METAL 1M 1% 1/2W CN503 1-766-897-21 PIN, CONNECTOR (PC BOARD) 4P R420 1-259-171-21 CARBON 1.5K 5% 1/4W	817737		27700000000		7,75	.,			V COMMEDICAL >			
R418 1-249-234-11 CARBON 10K 5% 1/3W + CN502 1-564-506-11 PLUG, CONNECTOR 3P R419 1-214-937-00 METAL 1M 1% 1/2W CN503 1-766-897-21 PIN, CONNECTOR (PC BOARD) 4P R420 1-259-171-21 CARBON 1.5K 5% 1/4W	R417	1-249-234-11	CARBON	10K	5%	1/3W	* CN501	1-564-506-11	PLUG, CONNECTOR	3P		
R420 1-259-171-21 CARBON	R418	1-249-234-11	CARBON	10K	5%	1/3W			그러워 그 이 이 없는 아이를 하고 있다.			
R421 1-249-939-11 CARBON	R419	1-214-937-00	METAL	1M	1%	1/2W	CN503	1-766-897-21	PIN, CONNECTOR	(PC BOA	ARD) 4F	
⚠R422 1-219-022-11 FUSIBLE 100 5% 1/2W F D505 8-719-987-63 DIODE 1N4148M ⚠R444 1-219-022-11 FUSIBLE 100 5% 1/2W F D506 8-719-985-53 DIODE HZS4ALL ⚠R451 1-214-937-00 METAL 1M 1% 1/2W D511 8 719-987-63 DIODE 1N4148M R452 1-249-210-11 CARBON 1K 5% 1/3W D512 8-719-985-53 DIODE HX54ALL R453 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 DIODE HX448M R454 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 DIODE 1N4148M The components identified by mark ⚠ or dotted line with mark. № are critical for safety. Replace only with part number	R420	1-259-171-21	CARBON	1.5K	5%	1/4W						
⚠R444 1-219-022-11 FUSIBLE 100 5% 1/2W F D506 8-719-985-53 D10DE HZS4ALL ⚠R445 1-219-022-11 FUSIBLE 100 5% 1/2W F D507 8-719-310-60 LED SEL1510C-C R451 1-214-937-00 METAL 1M 1% 1/2W D511 8 719-987-63 D10DE 1N4148M R452 1-249-210-11 CARBON 1K 5% 1/3W D512 8-719-985-53 D10DE HZS4ALL R453 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 D10DE 1N4148M R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 D10DE 1N4148M The components identified by mark ⚠ or dotted line with mark. № are critical for safety. Replace only with part number	R421	1-249-939-11	CARBON	4. 7K	5%	1/4W			< DIODE >			
⚠R444 1-219-022-11 FUSIBLE 100 5% 1/2W F D506 8-719-985-53 D10DE HZS4ALL ⚠R445 1-219-022-11 FUSIBLE 100 5% 1/2W F D507 8-719-310-60 LED SEL1510C-C R451 1-214-937-00 METAL 1M 1% 1/2W D511 8 719-987-63 D10DE 1N4148M R452 1-249-210-11 CARBON 1K 5% 1/3W D512 8-719-985-53 D10DE HZS4ALL R453 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 D10DE 1N4148M R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 D10DE 1N4148M The components identified by mark ⚠ or dotted line with mark. № are critical for safety. Replace only with part number												
AR445 1 219 022 11 FUSIBLE 100 5% 1/2W F D507 8-719-310-60 LED SEL1510C-C R451 1-214-937-00 METAL 1M 1% 1/2W D511 8 719-987-63 DIODE 1N4148M R452 1-249-210-11 CARBON 1K 5% 1/3W D512 8-719-985-53 DIODE HZS4ALL R453 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 DIODE 1N4148M R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 DIODE 1N4148M The components identified by mark ⚠ or dotted line with mark. № are critical for safety. Replace only with part number				100	5%	1/2W F	D505	8-719-987-63	DIODE 1N4148M			
R451 1-214-937-00 METAL 1M 1% 1/2W D511 8 719 987-63 DIODE 1N4148M D512 8-719-985-53 DIODE HZS4ALL R452 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 DIODE 1N4148M D514 8-719-987-63 DIODE 1N4148M D514 8-719-987-63 DIODE 1N4148M R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 DIODE 1N4148M The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number						- 12 Telephone 1	D506	8-719-985-53	DIODE HZS4ALL			
R452 1-249-210-11 CARBON 1K 5% 1/3W D512 8-719-985-53 DIODE HZS4ALL R453 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 DIODE 1N4148M R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 DIODE 1N4148M The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number						5675.03 cm	D507			- C		
R453 1-249-883-11 CARBON 22 5% 1/4W D513 8-719-987-63 DIODE 1N4148M R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 DIODE 1N4148M The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number						127.78.50.00						
R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 DIODE 1N4148M The components identified by mark A or dotted line with mark. A are critical for safety. Replace only with part number	R452	1-249-210-11	CARBON	1K	5%	1/3W	D512	8-719-985-53	DIODE HZS4ALL			
R454 1-249-883-11 CARBON 22 5% 1/4W D514 8-719-987-63 DIODE 1N4148M The components identified by mark A or dotted line with mark. A are critical for safety. Replace only with part number	D450	1 040 000 11	CADDON	0.0	Fo:	4 /400	P.540	0.540.005.00	DIODE AND AND			
The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number						1404033						
mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number	n454	1-249-883-11	UARDUN	22	3%	1/411	V514	0-119-981-63	DIODE 1N4148M			
No 300022 A. A							mark ∆ ∴ are Replace	or dotted li critical for only with pa	ne with mark. safety.			

IAIN	B-L M	AIN B-R	N	1ED	MAG	AM	UT LE	ED	OL	JT LET				
Ref. No.	. Part No.	Description			Rem	ark	Ref. No.	Part	No.	Description			Ren	mark
3 -1112-11		< TRANSISTOR >				×	Q571	8-729	-140-82	TRANSISTOR 2	SA988-F	PAFAEA	2.	
Q514	8-729-201-53		A1015-				C1			< RESISTOR >				
Q521	8-729-140-82	TRANSISTOR 2S	A988-P	AFAEA			0550			at DDON'	F 01/	E0.	4 (40)	
		/ DECIGEOD					R573			CARBON	5. 6K		1/4W	
		< RESISTOR >					R574 R575			CARBON CARBON	1K 1.5K	5% 5%	1/4W 1/4W	
R523	1-249-941-11	CARRON	5. 6K	5%	1/4W		/AR576			FUSIBLE	470	5%	1/2W F	,
R524	1-259-167-21		1K	5%	1/4W		/\R577			FUSIBLE	470	5%	1/2W F	
R525	1-259-171-21		1. 5K	5%	1/4W		71311011			1 301000		0.0	-/	
∕AR526	1-202-954-11		470	5%	1/2W F		AR578	1-219	-193-11	FUSIBLE	220	5%	1/2W F	1
∕AR527	1-202-954-11		470	5%	1/2W F		∕AR579	1-219	-185-11	FUSIBLE	47	5%	1/2W F	!
							<u> </u>	1-219	-185-11	FUSIBLE	47	5%	1/2W F	l
 ∕ R 528	1-219-193-11	FUSIBLE	220	5%	1/2W F		R584	1-219	-392-11	RES, WIREWOUND				
 ₹R529	1-219-185-11	FUSIBLE	47	5%	1/2W F		R585	1-249	-951-11	CARBON	15K	5%	1/4W	
<u>∧</u>R532	1-219-185-11	FUSIBLE	47	5%	1/2W F									
R534	1-219-392-11	RES, WIREWOUND					R586	1-259	-191-21	CARBON	10K	5%	1/4W	
R535	1-249-951-11	CARBON	15K	5%	1/4W		⚠R587	1-247	-717-11	CARBON	2. 2K	5%	1/4W F	!
							<u>1</u> 1. R588	1-247	-717-11	CARBON	2. 2K	5%	1/4W F	1
R536	1-259-191-21	CARBON	10K	5%	1/4W									
♠R537	1-247-717-11		2. 2K		1/4W F		1			< VARIABLE RES	ISTOR >	>		
<u>1</u> R538	1-247-717-11	CARBON	2. 2K	5%	1/4W F		101000000	Aumora	22/20/20	222 7020		11.02238		
		UADIADI PERROT	OTTAD S							RES, ADJ, META				
		< VARIABLE RESI	STOR >				*******	*****	******	********	*****	******	******	****
		RES, ADJ, METAL			*****	***	*	1-655	-083-11	MEDAMA BOARD				
*	1-655-075-11	MAIN B-R BOARD	(FASES)			ė.			< IC >				
*		MAIN B-R BOARD	Q				1							
		******	30000.770	6			10906	8-749	-923-43	IC GP1U57XB				
							******	*****	******	******	*****	*****	******	****
		< CAPACITOR >												
							*	1-655	-084-11	MUT LED BOARD				
C566	1-137-163-11	FILM 0.33u	F	10%	63V					******				
C567	1-137-163-11			10%	63V									
C570	1-124-920-11	ELECT 330uF		20%	63V (FA5ES)				< CONNECTOR >				
		< CONNECTOR >					* CN316	1-564	-506-11	PLUG, CONNECTO	R 3P			
	값 - '뭐 이렇게 이렇게 이렇다	PLUG, CONNECTOR								< DIODE >				
		PLUG, CONNECTOR								1.55	(1 m) m m m	10)		
CN553	3 1-766-897-11	PIN, CONNECTOR	(PC BO	ARD) 4	Р		D302			LED SEL2810A			4030344	
		/ PIONE					******	*****	******	**********	******	*****	******	****
		< DIODE >						1 055	000 11	OUT LET BOARD				
DEEE	0 710 007 69	DIODE INALAOM					*	1-033	-090-11	**********				
D555 D556	8-719-987-63 8-719-985-53									***********				
D557	8-719-303-33						*	1-533	-185-11	HOLDER, FUSE				
D561	8-719-987-63							. 000	130 11					
D562	8-719-985-53									< CAPACITOR >				
2002	2 .10 300 00													
D564	8-719-987-63	DIODE 1N4148M					∆C802	1-161	-742-00	CERAMIC	0.002	22uF	20%	400
D565														
										< CONNECTOR >				
		< TRANSISTOR >												
							100000000000000000000000000000000000000			PIN, CONNECTOR				
Q564	8-729-201-53	TRANSISTOR 2S	A1015-	GR			* CN101	1-564	-321-21	PIN, CONNECTOR	2P			
							mark ∠ ⚠ are	or d criti e only	otted l cal for	tified by ine with mark safety. art number				

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Ref. No.	Part No.	Description	on		R	emark		Ref. No.	Part No.	Descr	iption	_		Remar	·k
CN102	1-580-629-21	PIN, CONNE	ECTOR 2P		-					< RES	SISTOR >				Ť
		< FUSE >						R818	1-259-171-21	CARBO	IN 1.	5K 5%	1/4W		
								R819	1-249-931-11	CARBO		2K 5%	1/4W		
 ♠F802	1-532-299-00	FUSE. TIME	LAG (T5A)	/250V) (F	A7ES)			∕NR820	1-219-189-11					F (FA5	ES)
557 TO 61 (44 YEAR)	1-532-350-00							⚠R820	1-219-022-11					F (FA7	
	*******					*****		<u>∧</u> R821	1-219-189-11					F (FA5	
	1 000 077 11	DDC DC DOA	DD /PAEDO					A D001	1 010 000 11	PHOTE	UE 40	0 50	4 /OFF	F /FAS	rc)
*	1-655-077-11							<u>∧</u> R821	1-219-022-11					F (FA7	2005
*	1-655-077-21						-	AR822	1-219-189-11					F (FA5	
		******	**						1-219-022-11					F (FA7	2000 T
		/ CADACITY	n s						1-219-189-11				45.50	F (FA5	
		< CAPACITO	ж >				£	<u>_</u> R823	1-219-022-11	FUSTE	SLE 10	0 5%	1/2W	F (FA7	ES)
C801	1-124-922-11	ELECT	1000uF	20%	63V	(FA5ES)		R868	1-259-171-21	CARBO	N 1.	5K 5%	1/4W		
C801	1-110-397-11	ELECT	1000uF	20%	63V	(FA7ES)		R869	1-249-931-11	CARBO	N 2.	2K 5%	1/4W		
C802	1-124-922-11	ELECT	1000uF	20%	63V	(FA5ES)		AR870	1-219-189-11	FUSIE	LE 10	0 5%	1/2W	F (FA5	ES)
C802	1-110-397-11	ELECT	1000uF	20%	63V	(FA7ES)		 AR870	1-219-022-11	FUSIB	LE 10	0 5%		F (FA7	
C808	1-126-066-11	ELECT	470uF	20%	63V	(FA5ES)		<u></u> 1 1 1 1 1 1 1 1 1 1	1-219-189-11	FUSIB	LE 10	0 5%	1/2W	F (FA5	ES)
C808	1-110-397-11	FIFCT	1000uF	20%	630	(FA7ES)		 ∆R871	1-219-022-11	FUCID	LE 10	0 5%	1 /9W	F (FA7	EG/
C809	1-110-393-11		1000di 100uF	20%	63V			AR872	1-219-189-11					F (FA5	377.5.
C851	1-124-922-11		1000uF	20%		(FA5ES)		AR872	1-219-022-11					F (FA7	
C851	1-110-397-11		1000uF	20%		(FA7ES)		/\R873						- 30	
C852	1-110-397-11	200 B 200 B	1000ur 1000uF						1-219-189-11					F (FA5	
0002	1-124-922-11	ELECI	100001	20%	034	(FA5ES)		<u> </u>	1-219-022-11	LOSIB	LE 10	0 5%	1/2W	F (FA7	ES)
C852	1-110-397-11	ELECT	1000uF	20%	63V	(FA7ES)				< TRA	NSFORMER >				
C858	1-126-066-11	ELECT	470uF	20%	63V	(FA5ES)									
C858	1-110-397-11	ELECT	1000uF	20%	63V	(FA7ES)		T801	1-427-648-11	TRANS	FORMER (CH	OKE)			
C859	1-110-393-11	ELECT	100uF	20%	63V			******	********	*****	*******	*****	******	*****	++
		< CONNECTO	R >					*	A-4378-503-A	PRO R	OARD COMP	FTF (F	ASFS)		
		Commedia						*	A-4378-516-A						
CN801	1-691-768-11	PLUG (MICE	O CONNECTO	R) 6P				7719	A 4575 516 A		*****		Arcs,		
	1-564-510-11														
	1-564-506-11			it) Ui						/ CAD	ACITOR >				
	1-564-506-11			(FA7ES)						Val	ACTION /				
								C603	1-136-157-00	FILM		0. 022u	F 5%	50	0V
		< DIODE >						C604	1-124-120-11	ELECT		220uF	20	\$ 2	5V
								C605	1-124-910-11	ELECT		47uF	20	5	0V
D801	8-719-000-93	DIODE UZ	L-7H1					C607	1-136-157-00	FILM		0. 022u	F 5%	5	00
D802	8-719-000-93	DIODE UZ	L-7H1					C608	1-126-058-11			4. 7uF	20		3V
D851	8-719-000-93	DIODE UZ	L-7H1												
D852	8-719-000-93	DIODE UZ	L-7H1				- 1	C609	1-124-918-11	ELECT		47uF	20	6 6	3V
							.	C610	1-126-058-11			4. 7uF	20:		3V
		< TRANSIST	OR >					C611	1-136-157-00			0. 022u			0V
								C612	1-126-059-11			10uF	20		3V
Q806	8-729-030-18	TRANSISTOR	2SD2525					C620	1-130-973-00			0. 022u			00V
Q807	8-729-281-54							0020	1 100 310 00	LLLIN		o. ozzu	2.0	10	301
Q808	8-729-202-67							C670	1-130-973-00	FILM		0. 022u	F 2%	10	00V
Q809	8-729-030-18							0010	1 130 373 00	LILIN		0. 022u	1 2.0	- 10	JUY
Q810	8-729-030-18									< CON	NECTOR >				
00==		mm . 110							v managar on				_27000		
Q856	8-729-030-19								1-766-897-11						
Q857	8-729-201-53								1-691-766-11				41		
Q858	8-729-202-67								1-564-506-11						
Q859	8-729-030-19								1-564-506-11						
Q860	8-729-030-19	TRANSISTOR	2SB1640				-	CN605	1-564-505-11	PLUG,	CONNECTOR	2P			
								The co	mponents ident	ified	by				

The components identified by mark A or dotted line with mark. A are critical for safety.

Replace only with part number specified.

PRO PRO LED PS

Ref. No.	Part No.	Description				Remar	k	
* CN607 * CN608 CN609	1-564-506-11 1-564-506-11 1-691-766-21	PLUG, CONNECT PLUG, CONNECT PLUG, CONNECT PLUG (MICRO C PIN, CONNECTO	OR 3P OR 3P ONNECT					
		< DIODE >						
D601	8-719-987-63 8-719-310-60	DIODE 1N414 LED SEL15	8M 10C-C					
D603	8-719-987-63	DIODE 1N414	8M					
		< IC >						
IC601	8-759-111-68	IC uPC1237H	iΑ					
		< COIL >						
L601	1-422-009-21	COIL, AIR-COR	E					
		COIL, AIR-COR						
		< TRANSISTOR	>					
0601	8-729-281-54	TRANSISTOR	2SC181	15-BL				
Q602	8-729-030-18	TRANSISTOR	2SD252	25				
Q603	8-729-201-53	TRANSISTOR	2SA101	15-GR				
Q604	8-729-201-53	TRANSISTOR	2SA101	15-GR				
Q605	8-729-281-54	TRANSISTOR	2SC181	15-BL				
Q606	8-729-030-18	TRANSISTOR	2SD252	25				
		< RESISTOR >						
R604	1-259-223-21	CARBON	220K	5%	1/4W			
R606	1-259-191-21	CARBON	10K		1/4W			
R607	1-249-885-11	CARBON	27	5%	1/4W			
	1-249-725-11		150K		1/4W			
R609	1-249-951-11	CARBON	15K	5%	1/4W			
R610	1-260-322-11	CARBON	330	5%	1/2W			
R612	1-249-939-11	CARBON	4.7K	5%	1/4W			
R613	1-259-191-21		10K	5%	1/4W			
R614	1-259-207-21		47K	5%	1/4W			
R615	1-249-955-11	CARBON	22K	5%	1/4W			
R616	1-259-207-21	CARBON	47K	5%	1/4W			
R617	1-249-955-11	CARBON	22K	5%	1/4W			
R620	1-249-733-11	CARBON	330K	5%	1/4W			
R621	1-249-754-11		10	5%	1/2W			
R622	1-249-798-11	CARBON	680	5%	1/2W			
<u></u>	1-217-989-11	FUSIBLE	4.7	5%	1/2W	F (FA5	ES)	
 ⚠R624	1-260-072-11		4. 7	5%		F (FA7		
⚠R625	1-217-989-11		4.7	5%		F (FA5		
<u>↑</u> R625	1-260-072-11		4. 7	5%		F (FA7	ES)	
R626	1-259-167-21	CARBON	1K	5%	1/4W			
R628	1-260-322-11	CARBON	330	5%	1/2W			

Do C Vo	Don't No	Description	_			D.	emark
HeT. NO.	Part No.	Description	n —			n	ешагк
R629	1-260-322-11	CARBON	330	5%	1/2W	F	
R670	1-249-733-11	CARBON	330K	5%	1/4W		
R671	1-249-754-11	CARBON	10	5%	1/2W	pis.	
R672	1-249-798-11	CARBON	680	5%	1/2W	r.	
∧R674	1-217-989-11	FUSTRIE	4. 7	5%	1 /2W	F	(FA5ES)
ÆR674	1-260-072-11		4. 7	5%	13		(FA7ES)
/\R675	1-217-989-11		4. 7	5%			(FA5ES)
/\R675	1-260-072-11		4. 7	5%	12.35		(FA7ES)
R677	1-249-794-11		470	5%	1/2W		M. 100 100 100 100 100 100 100 100 100 10
R678	1-249-794-11	CARBON	470	5%	1/2W	0	
		< RELAY >					
PVOOA	4 555 004 44	DEL AV					
	1-755-061-11						
	1-515-676-11						
******	********	******	+++++++	+++++	****	4-4-4-	
*	1-655-085-11	PRO LED BO	ARD				
		*******	***				
		< CONNECTO	R >				
* CN806	1-564-506-11	PLUG, CONN	ECTOR 3P				
		< DIODE >					
D801	8-719-313-40	LED SEL1	516W (PO	WER)			
		< RESISTOR	>				
R801	1-249-407-11	CARRON	15	0 5%	1	/4W	
	1-249-407-11						****
+	1-655-078-11	PS BOARD (FA5ES)				
+	1-655-078-21	PS BOARD (FA7ES)				

*	3-555-872-21	SPACER					
		< TERMINAL	>				
* BP701	1-535-117-00	TERMINAL.					
	1-535-117-00						
	1-535-115-00						
	1-535-115-00						
		< CAPACITO	R >				
0000	1 104 000 44	FLECT	220 F	0.0	n/	corr	
C703	1-124-920-11		330uF	20		63V	
C704	1-124-920-11		330uF	20		63V	
C705	1-124-791-11		1. 0uF	20		100	
C706	1-124-920-11		330uF	20		63V	
C707	1-136-880-11	FILM	2. 2uF	10	70	160	V.
C708	1-124-920-11	ELECT	330uF	20	0/ /0	63V	(FA7ES)

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.

Replace only with part number specified.

		PS PS JUMP	ER R	EC (OUT	SP-TM	TONE.	CC	NTROL
Ref. No.	Part No.	Description Rema	rk F	lef. No.	Part No.	Description		Rem	ark
		< CONNECTOR >				< TERMINAL >			47
		PIN, CONNECTOR (B4P-VH) 4P				11 TERMINAL BOARD			
		PLUG (MICRO CONNECTOR) 4P				11 TERMINAL BOARD			
		PLUG (MICRO CONNECTOR) 6P				11 TERMINAL BOARD			
* CN706	1-564-506-11	PLUG, CONNECTOR 3P	•			11 TERMINAL BOARD			****
		< DIODE >	*		A-4371-831	-A TONE. CONTROL B	OARD COMPLET		
D701	8-719-210-25	DIODE C25P20F	£		n 4071 001	**********			
D702	8-719-210-25	DIODE C25P20F							
D703	8-719-210-26	DIODE C25P20FR	*		1-535-730-	21 LEAD, JUMPER (OFC)		
D704	8-719-210-26								
D705	8-719-200-82	DIODE 11ES2				< CAPACITOR >			
D706	8-719-200-82	DIODE 11ES2	1	C301	1-130-475-	00 MYLAR	0. 0022uF	5%	50V
D707	8-719-200-82		1	C302	1-130-483-	00 MYLAR	0.01uF	5%	50V
D708	8-719-200-82	DIODE 11ES2		C303	1-130-485-	00 MYLAR	0.015uF	5%	50V
D709	8-719-200-82	DIODE 11ES2		C304	1-136-165-	00 FILM	0. 1uF	5%	50V
D710	8-719-200-82	DIODE 11ES2		C306	1-136-165-	00 FILM	0. 1uF	5%	50V
D711	8-719-200-82	DIODE 11ES2		C307	1-136-165-	OO FILM	0. 1uF	5%	50V
	0 110 200 02	11100	-	C351	1-130-475	DB . 1977415.	0. 0022uF	5%	50V
		< PLATE GROUND >		C352	1-130-483-		0.01uF	5%	50V
				C353	1-130-485-	00 MYLAR	0.015uF	5%	50V
* EPT701	4-916-791-01	PLATE, GROUND, 5P		C354	1-136-165-	00 FILM	0. 1uF	5%	50V
* EPT702	3-346-266-21	PLATE, GROUND							
		PLATE, GROUND	:	C805	1-106-343-		1000PF	5%	200V
		PLATE, GROUND		C806	1-106-343-		1000PF	5%	200V
* EPT705	3-346-266-21	PLATE, GROUND		C901	1-126-376-		470uF	20%	25V
		A STATE OF THE STA		C902	1-164-159-		0. 1uf		50V
		< RESISTOR >		C903	1-126-023-	11 ELECT	100uF	20%	16V
 AR701	1-219-165-11	FUSIBLE 1 5% 1/2W F		C904	1-162-207-	31 CERAMIC	22PF	5%	50V
******	*******	**********	***	C905	1-162-207-	31 CERAMIC	22PF	5%	50V
				C906	1-162-282-	31 CERAMIC	100PF	10%	50V
*	1-655-076-11	PS JUMPER BOARD (FA5ES)	3	C907	1-164-159-		0. 1uF		50V
*	1-655-076-21	PS JUMPER BOARD (FA7ES)		C908	1-164-159-	11 CERAMIC	0. 1uF		50V
			d - 4 3c	C909	1-136-165-6	00 FILM	0. 1uF	5%	50V
*******	******	*******	***			< CONNECTOR >			
*	1-655-082-11	REC OUT BOARD							
		*****	*	CN301	1-564-506-1	11 PLUG, CONNECTO	R 3P		
				CN302	1-691-766-4	41 PLUG (MICRO CO	NNECTOR) 4P		
		< CONNECTOR >				11 PLUG (MICRO CO			
* CN315	1-564-506-11	PLUG, CONNECTOR 3P				11 PLUG, CONNECTO 11 PLUG, CONNECTO			
		/ CWLTCH >		CNO14	1 504 500	11 DILIC CONNECTO	n on		
		< SWITCH >	*			11 PLUG, CONNECTO			
S302	1-769-186-11	SWITCH, TOGGLE (REC OUT)				31 PLUG (MICRO CO 11 PLUG, CONNECTO			
******	**********	3#110H, 1000EE (REC 001)	***			00 PIN, CONNECTOR			
*******						11 PLUG, CONNECTOR			
*	1-655-072-11	SP-TM BOARD (FASES)		G. NOUL	2 001 000 .	L. I LOG, COMMECTO			
+:		SP-TM BOARD (FA7ES)		CN903	1-691-772-1	11 PLUG (MICRO CO	NNECTOR) 10P		
		*****	*			11 PLUG, CONNECTO			
			*	CN906	1-564-506-1	11 PLUG, CONNECTO	R 3P		
			1				7		
					mponents ide	127			
						line with mark.			
				- 57.70	critical fo	- 5			
				Keplac specif		part number			
				spec11.	rcu.				

TONE. CONTROL VOL

Ref. No.	Part No.	Description			Remark	(Ref. No.	Part No.	Description			Rei	mark
CN907	1-691-770-11	PLUG (MICRO	CONNECTOR	98 (1	R356	1-247-721-11	CARBON	4. 7K	5%	1/4W	
							R824	1-247-747-11	CARBON	470	5%	1/2W	
		< DIODE >											
							R825	1-247-747-11	CARBON	470	5%	1/2W	
D901	8-719-200-02	DIODE 10E	2				R901	1-249-433-11	CARBON	22K	5%	1/4W	
D902	8-719-200-02	DIODE 10E	2				R902	1-249-433-11	CARBON	22K	5%	1/4W	
D903	8-719-200-02	DIODE 10E	2				R903	1-249-433-11	CARBON	22K	5%	1/4W	
D904	8-719-200-02		2				R904	1-249-433-11	CARBON	22K	5%	1/4W	
D905	8-719-987-63	DIODE 1N4	148M										
							R905	1-249-433-11		22K	5%	1/4W	
D906	8-719-987-63		148M				R906	1-249-433-11		22K	5%	1/4W	
D907	8-719-987-63		148M			-	R907	1-249-425-11		4. 7K		1/4W	
D908	8-719-987-63		148M				R908	1-249-425-11		4. 7K		1/4W	
D909	8-719-987-63		148M				R909	1-249-425-11	CARBON	4. 7K	5%	1/4W	
D910	8-719-987-63	DIODE 1N4	148M										
							R910	1-249-429-11		10K	5%	1/4W	
D911	8-719-987-63		148M				R911	1-249-429-11		10K	5%	1/4W	
D912	8-719-987-63		148M				R913	1-249-433-11		22K	5%	1/4W	
D913	8-719-200-02	DIODE 10E	2			:	R914	1-249-433-11		22K	5%	1/4W	
							R915	1-249-429-11	CARBON	10K	5%	1/4W	
		< IC >					D040	4 045 005 04	CIPPON	400	Fe:	36.7400	
10004	0 750 005 40	10 mm 120	OCODE HOOF			*	R916	1-247-807-31		100	5%	1/4W	
IC901			200BN-H327			-	R917	1 247 807 31		100	5%	1/4W	
IC902							R918	1-247-807-31		100	5%	1/4W	
10903			P-S				R919	1-247-807-31		100	5%	1/4W	
IC904							R920	1-247-807-31	CARBON	100	5%	1/4W	
10905	8-759-231-53	IC TA78053	5				R921	1-247-807-31	CADDON	100	EW	1/4W	
		< TRANSISTOR				1	R921	1-247-807-31		100 100	5% 5%	1/4W	
		\ 1\text{RANS1510}\]	1 /			1	R923	1-249-425-11		4. 7K	5%		
Q301	0 720 201 EA	TDANCICTOD	2SC1815-	DI			R923			4.7h		1/4W	
1370.222	8-729-281-54 8-729-900-63		DTA124ES					1-249-413-11		2. 2	5% = 0	1/4W	Г
Q901 Q902	8-729-900-63		DTA124ES				<u></u> 1€ R925	1-217-981-11	LUSIDLE	2. 2	5%	1/2W	r
Q902	8-729-900-63		DTA124ES						< VARIABLE RES	ICTOD \			
Q904	8-729-900-63		DTA124ES						/ ANUTADLE DES	1310n /			
4304	0 723 300 03	manataton	DIMIZALO				BV301	1-993-780-11	RES, VAR, CARB	ON 250K	/250K	/RALAN	CE)
Q905	8-729-900-63	TRANSISTOR	DTA124ES						RES, VAR, CARB				
Q906	8-729-900-63		DTA124ES						RES, VAR, CARB				L)
Q907	8-729-900-63		DTA124ES				117303	1 223 707 11	res, var, oare	OH 300H	Jook	(DADD)	
Q908	8-729-900-63		DTA124ES						< SWITCH >				
4000000													
		< RESISTOR	>				S301	1-762-203-11	SWITCH, PUSH (1 KEY) (MUTING	()	
							S801	1-762-184-11	SWITCH, ROTARY	(SPEAK	ERS)		
R301	1-247-721-11	CARBON	4. 7K	5%	1/4W		S901	1-762-183-11	SWITCH, ROTARY	(INPUT	SELEC	TOR)	
R302	1-249-556-11	CARBON	1. 5K	5%	1/4W								
R303	1-259-502-11	CARBON	4. 7M	5%	1/4W				< VIBRATOR >				
R304	1-259-502-11	CARBON	4. 7M	5%	1/4W								
R305	1-249-462-11	CARBON	22K	5%	1/4W		X901	1-579-223-11	OSCILLATOR, CE	RAMIC (8. 19MF	(z)	
							******	*****	*******	******	*****	*****	****
R306	1-247-721-11		4. 7K	5%	1/4W								
R307	1-249-425-11	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4. 7K		1/4W		*	1-655-087-11					
R311	1-249-425-11	CARBON	4. 7K	5%	1/4W				*******				
R351	1-247-721-11	CARBON	4. 7K	5%	1/4W								
R352	1-249-556-11	CARBON	1. 5K	5%	1/4W	- [< CAPACITOR >				
1920.00		a.pp.or	12 423		2.52		2000	2 222 212	www.	2002			2222
R353	1-259-502-11		4. 7M		1/4₩		C308	1-136-165-00		0. 1uf		5%	50V
R354	1-259-502-11		4. 7M	5%	1/4W		C309	1-136-165-00		0. 1uF		5%	50V
R355	1-249-462-11	CARBON	22K	5%	1/4W	Į.	C310	1-136-165-00	FILM	0. 1uF		5%	50V
								20.00	HERE TO SE	7			

The components identified by $\operatorname{mark}\ \underline{\wedge}$ or dotted line with $\operatorname{mark}.$ $\underline{\mathbb{A}}$ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	1	Remark
-		< CONNECTOR >		Q515	8-729-018-19	TRANSISTOR	 2SK2013-Y	
				Q516	8-729-018-21			
CN305	1-691-766-41	PLUG (MICRO CONNECTOR) 4P		Q518			2SK1530A-Y (FA7ES)	
		PLUG (MICRO CONNECTOR) 8P		Q518			2SK1530B-Y (FA5ES)	
		PLUG (MICRO CONNECTOR) 4P		QOID	U 120 000 11	THENOISTON	LUMICOOD 1 (IMSED)	
		PLUG (MICRO CONNECTOR) 4P		Q520	9-720-019-12	TDANGICTOD	2SJ201A-Y (FA7ES)	
		PLUG (MICRO CONNECTOR) 4P		Q520			2SJ201B-Y (FA5ES)	
ONJJJ	1 031 700 31	FEED (MICHO CONNECTOR) 4F		1 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
		< DIODE >		Q563	8-729-203-45			
		C BIODE >		Q565	8-729-018-19			
D304	8-719-987-63	DIODE 1N4148M		Q566	8-729-018-21	TRANSTSTUR	ZSJ313-Y	
2001	0 713 301 03	DIODE INTIGOR		Q568	9-720-019-11	TDANGICTOD	2SK1530A-Y (FA7ES)	
		< TRANSISTOR >		Q568			2SK1530B-Y (FA5ES)	
		THANSISTOR						
0302	8-729-184-53	TRANSISTOR 2001045 EA		Q570			2SJ201A-Y (FA7ES)	
Q30Z	0-729-104-33	TRANSISTOR 2SC1845-EA		Q570			2SJ201B-Y (FA5ES)	
		< RESISTOR >		S001	1-762-185-11	SWITCH, ROT	ARY SLIDE (REC OUT	SELECTOR)
		A RESISTOR /		ı́∆T1	1-429-111-11	TRANSFORMER	, POWER (FASES)	
R309	1-249-469-11	CARBON 100K 5%	1/4W	∆T1			, POWER (FA7ES)	
R312	1-249-677-11		1/2W		1 120 112 11	Treation Orenizati	, TOMEN (TAYLE)	
R313	1-249-677-11		1/2W	******			*******	
R314	1-247-725-11		1/4W				**********	******
R315	1-249-465-11		1/4W		ACCESSORIES	S & PACKING	MATERIALS	
	1 210 100 11	17h 00	1/ 14			********		
R359	1-249-469-11	CARBON 100K 5%	1/4W				3,0,7,2,7,6,7,7,7,1	
			7		1-465-801-11	REMOTE COMM	ANDER (RM-S703)	
		< VARIABLE RESISTOR >					Y (for RM-S703)	
					3-800-210-11			
RV304	1-223-765-11	RES, VAR, CARBON 120K/120K					SH, FRENCH, SPANISH, PO	ORTUGUESE)
			JATOR) (FASES)		3-800-210-21		[전 : 유럽으로 :	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
RV304	1-223-765-21	RES, VAR, CARBON 120K/120K			5 55,500,500 550		GERMAN, DUTCH, SWEDISI	LITALIAN)
			JATOR) (FA7ES)			.,	oblinating portors, compared	, riibiiii,
				*	4-970-079-01	CUSHION		
		< RELAY >		*	4-977-437-01	INDIVIDUAL (CARTON (FASES)	
				*			CARTON (FA7ES)	
RY301	1-755-062-11	RELAY					(111 00)	
				******	*****	*********	*******	*****
		< SWITCH >			474.00			
S303	1-762-190-11	SWITCH, PUSH (1 KEY) (SURCE I	(IDECT)			DWARE		
		******************			100 TO 100 T			
		***************************************			*****	********	******	
		MISCELLANEOUS		#1	7-682-148-15	SCREW. TR		
		*****		#2	7-682-246-09			
				#3	7-682-548-09		,	
* 160	1-535-691-21	TERMINAL (FASES)		#4	7-682-564-09	선명하였다. 김영화 취임	1.4	
* 160		TERMINAL (FA7ES)		#5	그 말이 반납하다면 맛있었다면 하다			
161	1-506-113-00	- CONTRACTOR - INSPECTOR		#3	7-682-565-09	SUREN TO 4A	to (LW2E9)	
		CAP, ELECT 15000uF (FA7ES)		#5	7_609_500_00	CCDCW . D AVA	On (FATER)	
				#5	7-682-566-09		(CA/ES)	
C701	1-107-845-12	CAP, ELECT 12000uF (FA5ES)		#6	7-684-024-04	n 4, TYPE 2		
C702	1-104-902-11	CAP, ELECT 15000uF (FA7ES)						
		CAP, ELECT 12000uF (FA5ES)						
ACNS1	1-575-953-11							
		FUSE, TIME-LAG (T5A/250V) (FA	7FS)					
AF802		FUSE, TIME-LAG (T4A/250V) (FA						
	1 002 000 00		060/					

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

Q513 8-729-203-45 TRANSISTOR 2SC3423-0